

**ENVIRONMENTAL MANAGEMENT PROGRAM
COORDINATING COMMITTEE**

Spring Quarterly Meeting

May 15-16, 2001

AGENDA

**BACKGROUND
AND
SUPPORTING MATERIALS**

**Radisson Quad City Plaza Hotel
Davenport, Iowa**

Spring Quarterly Meeting
Radisson Quad City Plaza Hotel
Davenport, Iowa

Environmental Management Program Coordinating Committee

May 15-16, 2001

AGENDA

Tuesday, May 15 Partner Pre-Meetings

- 3:00 – 5:00 p.m. Corps of Engineers
- 3:00 – 5:00 p.m. Fish and Wildlife Service
- 3:00 – 5:00 p.m. State EMP-CC Members

Wednesday, May 16 EMP Coordinating Committee

- 8:00 a.m. **Call to Order** *Steve Cobb, Corps of*
 Introductions *Engineers*
- A 8:05 **Approval of Minutes of February 28, 2001**
 Quarterly Meeting
- B 8:10 **Program Management** *Teresa Kincaid/Roger*
 • FY 01 Fiscal Performance Update *Perk, Corps of Engineers*
 • FY 02 Budget Request
 • PCA Template
 • EMP Guidance Compendium
- 8:45 **LTRMP** *Leslie Holland-Bartels,*
 U.S. Geological Survey and
 Scott Whitney, Corps of
 Engineers
- 9:00 **Independent Technical Advisory Committee** *Steve Cobb, Corps of*
 • MVD Guidance *Engineers*
- 9:45 **Break**
- 10:00 **HREP Planning** *Teresa Kincaid/Roger*
 • Revised Framework *Perk, Corps of Engineers*
 • Status of Fact Sheet Reviews
 • Pool Planning Updates

(Continued)

Wednesday, May 16

EMP Coordinating Committee

(Continued)

C 11:00 EMP Public Involvement

- Summary
- Near Term Efforts

*Teresa Kincaid/Roger
Perk, Corps of Engineers*

11:30 Other Business

- Future Meeting Schedule and Agenda Items

11:45 a.m. Adjourn

Additional Attachments — Items Not the Subject of a Presentation

D Corps Activity Report

ATTACHMENT A

Minutes of the February 28, 2001 EMP-CC Meeting

**Minutes of the
Upper Mississippi River System
Environmental Management Program
Coordinating Committee**

**February 28, 2001
Winter Quarterly Meeting**

**DoubleTree Hotel
Bloomington, Minnesota**

Charlie Wooley of the U.S. Fish and Wildlife Service called the meeting to order at 8:05 a.m. on Wednesday, February 28, 2001. Other EMP-CC members present were Gary Loss (USACE), Leslie Holland-Bartels (USGS), Kevin Szcodronski (IA DNR), Steve Johnson (MN DNR), Ken Brummett (MO DOC), and Terry Moe (WI DNR). A complete list of attendees is attached.

Announcements

Ken Brummett announced that Gordon Farabee retired from Missouri DOC effective February 1, 2001. Gary Christoff will be replacing Farabee as Missouri's EMP-CC member. Gary Loss reported on efforts to fill the positions vacated by Dusty Rhodes and Leo Foley. Kevin Szcodronski announced that Jeff Vonk has been named as the new Iowa DNR Director. Terry Moe reported that Wisconsin's new Governor, Scott McCallum, has appointed Darrell Bazzell as Secretary of Wisconsin DNR.

Minutes of the November Meeting

Kevin Szcodronski moved and Steve Johnson seconded a motion to approve the minutes of the November 16, 2000 EMP-CC meeting as written. The motion carried unanimously.

Program Management

FY 01 Fiscal Performance Update

Teresa Kincaid reported that, as of December 31, 2000, the EMP's FY 01 allocation totaled \$17.940 million. This figure includes the original allocation of \$17.640 million plus \$300,000 in restored savings and slippage. Scheduled expenditures for the year total \$16.533 million. However, this figure will increase once \$1.6 million transferred out of MVP's HREP program is rescheduled. Kincaid explained that the MVP money was transferred to MVS for HREPs and to UMESC for the LTRMP. Don Powell said MVP transferred the funds due to delays in its HREP construction schedule.

In response to a question from Jeff Stein, Kincaid said the savings and slippage rate for the construction general account is 16 percent this year, compared with 10 percent in FY 00.

She said the rate is set nationally and attributed the increase to many factors. Jan Hodges reported that a nationwide recession in the construction general account also resulted in a \$41,000 cut to the EMP. Kincaid said the Corps plans to seek restoration of additional savings and slippage money in FY 01.

Kincaid explained that MVR had made several changes to the spreadsheet format in an effort to focus on information concerning the current fiscal year. A supplemental sheet providing historical program information will be updated annually. In addition, an effort was made to more clearly identify administrative costs. Kincaid said she understands people's concerns with such costs and said the Corps is making every effort to keep administrative costs to reasonable levels. However, she emphasized that implementing the program effectively does entail a certain level of administrative spending.

Terry Moe expressed appreciation for the new format and said he particularly likes the ability to identify administrative costs. However, he said the LTRMP funding transferred to USGS should not be classified as a program coordination expense. Barb Naramore suggested either modifying the title or content of the program coordination expense page to avoid potential misunderstandings. Steve Johnson and Moe also expressed concern with the difficulty in tracking some expenses from the individual district pages to the cumulative program pages. They requested modifications to clarify the connections between various line items on the spreadsheets.

Kincaid said completed projects have been taken off the individual district spreadsheets, which now detail only active projects. The habitat total line on the district sheets, however, includes the costs of completed projects. The sheet with historical information will include details regarding completed projects, including amount spent and basic information such as acreage affected. In response to a question from Jim Harrison, Don Powell reported that MVP anticipates letting the Ambrough Slough contract this year and doing repair work at the Trempealeau Refuge project. Terry Moe expressed surprise regarding the cost figures for the Pool 11 Island project. Scott Whitney said the entire project is estimated to total \$12-13 million.

Assuming construction goes well, Kincaid projected that both MVP and MVS will be able to demonstrate need for restored savings and slippage this year. While the EMP will clearly be able to show overtarget capability, Kincaid said it is impossible to predict how successfully the program will compete for additional funds. Gary Loss said FY 00 was atypical in that there was little overtarget funding available in the construction general account. Loss said this may continue to be the case in FY 01. In response to a question from Jeff Stein, Kincaid said restored savings and slippage is generally directed to both HREPs and the LTRMP. However, she emphasized that such decisions are based on need and ability to spend, not a set allocation formula.

Stein asked about the Corps' FY 02 capability. Kincaid said the Corps has not released any capability figures yet. Loss said the Corps is still reviewing its capabilities and reported that the President's budget request is scheduled for release on April 3. According to Loss, the Corps may not release official capability numbers. Holly Stoerker and Stein emphasized that understanding the Corps' capability is important to other entities wishing to offer budget testimony. Robin Grawe asked whether the Corps has the authority to shift funding

between the LTRMP and HREP components if the LTRMP has capability in excess of its approximately one-third share under the standard allocation formula. Kincaid said the EMP legislation permits the Corps to transfer up to 20 percent of the funding appropriated for one component to the other component.

SOW for Service Tasks

Kincaid reported that the scope of work for Service HREP planning activities is not yet complete. The Corps and Service hope to finalize the SOW soon and will distribute the final scope to the other EMP partner agencies. In response to a question from Terry Moe, Kincaid said the SOW will be specific to the EMP – i.e., it will not cover non-EMP tasks for which the Corps also transfers money to the Service. The scope will include a single dollar amount, rather than detailing the costs of individual tasks.

Model PCA

Kincaid said MVS will develop a template for EMP project cooperation agreements (PCAs) using the PCA from its most recent cost-shared project. HREP PCAs will continue to be approved at the Washington level, but the template should streamline the process somewhat. Kincaid noted that divisions do currently have delegated authority to approve PCAs for projects under the Corps' continuing authorities programs. While MVD could explore the possibility of delegated authority for HREP PCAs, Greg Ruff cautioned that such authority would only be granted for a "fill-in-the-blank" PCA form. Such a model PCA cannot be modified to fit the circumstances of a particular project, obviously limiting flexibility. Ruff said he is not sure that such an approach would be well suited to the EMP. He suggested developing the template first and seeing how effective that is in expediting HQ/ASA approval. Based on that experience, the partners can then consider whether to pursue delegated authority for a model PCA.

EMP Guidance Compendium

Kincaid reported that Kara Mitvalsky has been working to upgrade the EMP web site. As part of this effort, MVR will develop an on-line guidance compendium, which will include the EMP authorizing legislation, policy memos, and other materials. Kincaid said UMRBA staff has offered to assist in this effort.

Long Term Resource Monitoring Program

Statistical Analyses of Monitoring Data

Leslie Holland-Bartels announced that a revised version of the HNA Query Tool is complete. The new version includes expanded data sets and does not require users to have any particular software. The tool will be distributed to program partners and will be available on UMESC's web site.

Holland-Bartels presented highlights from the continuing review of LTRMP monitoring data and protocols. Brian Ickes and Barry Johnson are now leading the fisheries gear assessment, which may result in substantial changes to the monitoring protocol. Holland-

Bartels emphasized that this assessment is being done in close consultation with field station staff and other fisheries experts. The Open River Field Station is leading analyses and a workshop regarding restructuring monitoring protocols and objectives for the Open River. This effort includes analyses of fisheries, invertebrate, and water quality data. Holland-Bartels is leading an assessment of general inventory and monitoring issues. She contracted with WEST, Inc. as part of this general assessment. WEST's findings, which will be released soon in a report, include praise for the program's written protocols and high level of partner support. WEST's report will also highlight a number of issues for consideration. Jenny Sauer is leading a systemic analysis of the invertebrate sampling protocol, which currently yields many "zeros" on some parts of the system. Sauer is examining the potential implications of a protocol that focuses more on presence/absence. The Alton field station has the lead on out-pool fisheries analyses. Data for this work were collected last year with overtarget funding.

Holland-Bartels emphasized that the statistical analysis work is complex. It involves enormous amounts of data and thus requires substantial computer processing time. However, she expressed optimism that the analyses will allow the LTRMP to minimize the collection of data that does not provide useful information, thereby reducing collection, storage, and analysis costs.

Holland-Bartels noted that Todd Kool initially recommended eliminating passive gears based on his review of the fish monitoring data. While she does not agree that such a dramatic change is appropriate, Holland-Bartels briefly reviewed data from Pools 4 and 26 to illustrate the fact that some gears clearly provide much more information than others. Before dropping any gear, Holland-Bartels said it is important to ask what unique species information, habitat insight, and/or statistical power would be lost.

Holland-Bartels emphasized that the analyses so far have focused on the science of the monitoring data and the value of the information that is being collected. Questions that have not yet been asked include:

- What are the potential savings in field and office staff time?
- What computer costs would be saved?
- What analytical costs would be saved?
- What would be done with the freed time?
- What are we currently not sampling (e.g., deep channel or threatened and endangered species)?

In answer to a question from Terry Moe, Holland-Bartels said the analyses will be shared with field station staff, A-Team members, and others as they become available. She emphasized that significant dialogue still needs to take place and that no decisions regarding modifications to monitoring protocols are imminent. Charlie Wooley asked whether the LTRMP fisheries data provide useful insights into questions surrounding fish passage on the UMR. Holland-Bartels said only cursory work had been done with the data relative to fish passage but said LTRMP staff will be considering the issue further as they do their analyses. Jim Harrison asked how the lack of deep channel fish monitoring might be addressed.

Holland-Bartels said navigation study and LTRMP funds were combined last year to restart the deep channel fish collection effort. This work should provide some useful insights regarding how best to sample in the main channel.

Overtarget Work Items

Holland-Bartels identified the following FY 01 overtarget work items:

- HNA models and tools
- bathymetry
- sediment and erosion in backwater areas
- 2000 land cover/land use (LCU) and aquatic area: non-key pool mosaics
- 2000 LCU: Alton and Peoria
- 2000 LCU: HREP areas
- restoration of LTRMP-base projects

Holland-Bartels described progress on the 2000 LCU aquatic areas GIS and the FY 01 bathymetry projects.

Moe asked whether the FY 01 overtarget list includes provisions to address delays in areas such as serving data and doing data analyses. Holland-Bartels said she has a long list of potential overtarget items submitted by field staff and is working to refine and prioritize that list. Moe asked whether staff levels are limiting the ability to accomplish overtarget work. Holland-Bartels said agreements with various universities provide a flexible way of increasing capacity. In addition, she noted that the Minnesota and Missouri field stations are seeking to fill vacant positions with personnel who would augment the LTRMP's analytical capabilities. She expressed confidence that staffing will not constrain UMESC's ability to make effective use of overtarget funding.

Independent Technical Advisory Committee

Greg Ruff explained that, due to various reform-related proposals last year, MVD deferred implementation of the Independent Technical Advisory Committee called for in WRDA 99. However, WRDA 00 did not include any specific reform directives, other than a provision for a National Academy of Sciences study of independent review. Ruff said the Corps is anxiously awaiting the results of that study. Meanwhile, MVD will begin considering how to implement the Independent Technical Advisory Committee. Ruff noted that HQ guidance directs MVD to develop a proposal in cooperation with the EMP-CC and with input from other parties. In addition, the guidance calls for a counsel opinion regarding whether the Technical Committee is subject to the Federal Advisory Committee Act (FACA) and directs that the implementation plan be submitted to HQ for approval.

Ruff outlined the following schedule developing the implementation plan:

- May 01 – draft proposal to EMP-CC
- June/July 01 – gather input from other parties
- July 01 – develop a final proposal
- September 01 – submit proposal to HQ

According to Ruff, MVD views the \$350,000 in authorized appropriations as an upper limit and does not anticipate that the Technical Committee will require this level of resources. He said MVD sees the Technical Committee as a relatively small group of nationally recognized experts that will focus on program-level issues. MVD does not anticipate that the group will become involved in the HREP approval process. Input from the Technical Committee will be reflected in the December 2004 Report to Congress and in subsequent RTCs. In response to a question from Terry Moe, Ruff said MVD will ask MVR to develop a draft implementation plan in keeping with these considerations.

Moe stressed the importance of clearly articulating what the Technical Committee is being asked to do. Ruff invited input on this question. In response to Moe's observation that the states did not advocate for the Technical Committee provision, Ruff noted that there is a trend in Washington toward establishing such groups at the program level to provide oversight and guidance from people with national perspectives and reputations.

Holly Stoerker suggested that the Corps' Environmental Advisory Board might serve as something of a model. According to Stoerker, the Corps poses specific questions to the Board, rather than simply convening it and asking members to provide input as they see fit. Stoerker said asking the Technical Committee for advice on major EMP issues would likely be far more productive than having members review specific projects or focus on program management details. Moe urged the Corps to consider previous efforts, including the LTRMP Science Review Committee and EMP Program Review Committee, in developing its implementation plan for the Technical Committee. Kevin Szcodronski said he is comfortable with the general approach outlined by Ruff. Szcodronski recommended that the Committee include both people from outside the region and people with experience on the UMRS. He observed that the Committee could provide a valuable service by considering how various efforts and recommendations fit together, including the HNA, HREP prioritization, interest in natural river processes, and pool planning.

Jim Harrison asked about the status of the LTRMP Science Review Committee. Leslie Holland-Bartels said the group is still an existing body and will likely be reconvened when sufficient information from the on-going data analyses is available. Moe suggested that the Independent Technical Committee could be asked to do LTRMP science review, noting that this might require fewer LTRMP resources.

In response to a question from Jeff Stein, Ruff said he is the POC for the Technical Committee proposal. Stein asked Ruff to elaborate on his earlier comments concerning the Technical Committee's lack of involvement in the HREP process. Ruff said MVD does not envision the Committee being involved in the HREP approval process or the details of individual projects. However, he does foresee the Committee providing valuable program-level input regarding the HREP component. Stein said he is not necessarily uncomfortable with such an approach, but emphasized that the Technical Committee needs to have input into the prioritization process. He cautioned that, if the Committee operates entirely separately from the program partnership's prioritization efforts, two separate visions for the program will emerge.

Habitat Needs Assessment

Trempealeau Award

Don Powell reported that the Minnesota Society of Professional Engineers selected the Trempealeau Refuge HREP as one of the Seven Wonders of Engineering in Minnesota for 2001. Powell explained that, while the project itself is located in Wisconsin, most of the design work was done in Minnesota, thus qualifying the project for the competition. The award was given jointly to the Corps and Service. Powell said a special display concerning the project was developed for the awards ceremony and will be displayed at the Refuge Visitors Center. Keith Beseke said the Corps and its contractor did excellent work on the Trempealeau project.

Habitat Needs Assessment

Deb Foley reported that the HNA report is complete. She thanked Steve Johnson, Terry Moe, and UMRBA staff for their efforts to resolve the outstanding issues from the previous draft. Foley said an initial mailing of HNA reports is complete and a second round distribution is scheduled for the week of March 5. The full report consists of the following four documents: Summary Report, Technical Report (includes CDs with the Technical Report and Appendices and Public Information Report), Public Information Report, and Query Tool User's Manual (includes the tool on CD). Each state will receive 10 copies of the Summary and Technical Reports and the User's Manual, and three copies of the Public Information Report. All participants in the public information focus groups and the resource manager meetings will receive the Summary Report, which includes information on how to access other HNA documents. Steve Johnson recommended that the Corps distribute the HNA report to public libraries.

EMP Workshop

Mike Kruckeberg reported that the Corps is planning a two-day EMP workshop for this fall, the primary purpose of which will be to share "lessons learned" concerning both HREPs and the LTRMP. Kruckeberg said he anticipates between 80 and 100 participants representing the Corps, Service, USGS, states, and NGOs. After some discussion, October 15 to November 9 was identified as the target timeframe for the workshop.

Kruckeberg asked partner agencies to identify a point of contact to participate in workshop planning. Holly Stoerker asked whether the workshop is intended to reach beyond those already involved in the EMP. She noted that there are many other agency people who could benefit from learning about the EMP, including water quality and wetlands staff. Scott Whitney said that this is one of the issues that those involved in planning the workshop will be asked to address. Foley observed that the agenda could certainly be structured to accommodate people with varying levels of involvement, perhaps by devoting one day to more technical discussions and the other to issues of broader interest. Jon Duyvejonck said that interdisciplinary exchanges have been one of the key benefits of previous workshops.

HREP Prioritization Process

Teresa Kincaid reported that the Corps has modified the HNA prioritization framework endorsed by the EMP-CC at its August meeting. The revised process, reflected in the flowchart provided in the agenda packet, starts with consideration of ecological factors and needs, as identified in the HNA, pool plans, etc. By contrast, the previously endorsed process started with completed fact sheets and did not address how these fact sheets were to be developed.

Kincaid explained that the Corps wants the three district-level groups to employ similar approaches in developing pool plan goals and objectives. She stressed that this does not mean the groups need to employ precisely the same process or produce the same outcomes. She suggested piloting a proposed common process in a test pool and refining it as necessary. Charlie Wooley said the Service wants to be closely involved in pool planning. Several meeting participants voiced concern that the desire for a common process might reverse progress that has already been made in pool planning for some areas. Don Powell noted that there are draft plans for every pool in MVP and that the agencies are ready to seek public comment on those plans. Terry Moe cautioned against trying to design the perfect process and urged that the draft plans be allowed to move forward. He said they can be refined as needed based on experience. Kincaid emphasized that she wants to capture and build upon the good work that has already been done. She said the Corps is not asking the district-level groups to undo progress they have already made.

Scott Whitney expressed concern that there is a lack of quantitative information and a lack of input from key disciplines in some of the initial pool planning efforts. Dan McGuiness said the MVP pool planning effort has used the UMRCC Report's 9 ecological objectives. He urged MVR and MVS pool planners to use this same framework. Jon Duyvejonck noted that pool planning is further along in some areas than others. He cautioned that different rates of progress must not result in some areas being left out of the systemic HREP prioritization effort. Dick Steinbach said the group working in MVS wants to consider the full range of needs and authorities and will not develop EMP-specific plans. Duyvejonck noted that the pool planning teams would benefit from technical assistance in mapping and data analysis. EMP-CC members recommended that the chairs of the FWWG, FWIC, and RRAT meet to discuss approaches to pool planning and the resources that are needed.

Jim Fisher expressed concern with the new prioritization flowchart, observing that the Service and the states appear to drop out after the initial stage of the process. Keith Beseke said Service involvement is key at the later stages to account for factors such as distributing the HREP workload within the Service. Steve Johnson observed that the flowchart combines interagency coordination and internal Corps coordination in a confusing way. Kincaid acknowledged the potential for confusion and said MVR would attempt to clarify the flowchart, but noted that there are certain internal coordination functions that the Corps must accomplish at various stages of the process. Regarding agency participation, Kincaid emphasized that the Service and states are members of the district-level teams and the EMP-CC and thus will be involved through those groups throughout the process. Ken Barr stressed the need to ensure that the agency representatives on those groups represent the full ranges of their agencies' interests.

Kincaid said the Corps anticipates that the HREP prioritization process will be conducted every other year and wants to initiate the new process in FY 02. In the interim, the Corps will also consult with program partners to select a few projects for planning starts. Kincaid explained that this is intended to ensure that the transition to the new prioritization process does not result in a gap of projects available for construction. These projects will be discussed by the RRF, RRCT, and RRAT. Kincaid requested comments on the proposed flowchart by March 19. She said she anticipates that MVR will distribute a text description of the proposed process shortly thereafter.

EMP Public Involvement Strategy

Teresa Kincaid reviewed the HQ implementation guidance concerning development of an EMP public involvement strategy. She noted that the guidance came in response to the partnership Report to Congress, which called for enhanced public involvement. Last fall, MVR staff developed a list of potential public involvement tools. That list was presented at the EMP-CC's November meeting. EMP-CC members recommended that the goals and objectives of the strategy be clarified before specific tools were considered. As a result, Kincaid conferred with an ad-hoc group of program partners and developed the draft goals and objectives write-up included in the agenda packet.

Kincaid reviewed the draft goals and objectives and invited input. Steve Johnson said he would submit comments on the document. He observed that much of what the EMP needs is not public *involvement*, but rather public *awareness* and *education*.

Rick Frietsche said the FWVG's pool planning approach started as an effort among biologists to identify what is needed for various portions of the river. He expressed doubt regarding how that effort can be integrated with the Corps' EMP-driven approach, the Minnesota-Wisconsin Boundary Area Commission's public involvement needs, and other efforts. Kincaid agreed that this is an issue.

Terry Moe said Kincaid's write-up is a good reflection of the ad-hoc group's conference call regarding public involvement. He suggested that "increase public awareness" be removed from the list of potential tools on page 4, noting that this is an objective, not a tool. Moe said that the costs and the means of implementation remain to be determined. He suggested that various program partners can facilitate implementation by integrating the EMP public involvement strategy into other work they are already doing. Dan McGuinness said he likes the matrix Kincaid developed and recommended adding a time dimension, noting that not everything can be accomplished at once. In the short-term, McGuinness recommended concentrating on the upper left portion of the matrix – i.e., program-level awareness and education activities.

Robin Grawe observed that the EMP already does some good public involvement work and that those activities should not be dismissed but rather augmented and improved. Charlie Wooley stressed the importance of communicating the benefits of the EMP to the public. Barb Naramore emphasized the importance of effective public involvement in the pool planning and HREP prioritization processes. She characterized this as an immediate need that should not await creation of a fully developed EMP public involvement strategy. Kevin Szcudronski recommended that Jim Harrison and Dan McGuinness both be consulted in

development of the EMP public involvement strategy. Kincaid requested comments on the draft goals and objectives by March 19.

Other Business

Terry Moe thanked the Corps for modifying its activity reports to highlight changes and new information.

With no further business, the meeting adjourned at 11:37 a.m.

[The EMP-CC's future schedule includes meetings on May 16 in Davenport, August 8 in La Crosse, and November 15 in St. Louis.]

EMP-CC Attendance List

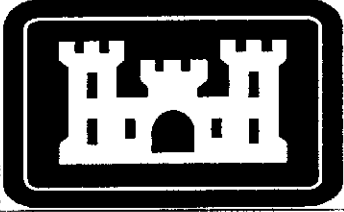
February 28, 2001

Gary Loss	U.S. Army Corps of Engineers, MVD
Charlie Wooley	U.S. Fish and Wildlife Service, Region 3
Leslie Holland-Bartels	U.S. Geological Survey, UMESC
Kevin Szcodronski	Iowa Department of Natural Resources
Steve Johnson	Minnesota Department of Natural Resources
Ken Brummett	Missouri Department of Conservation
Terry Moe	Wisconsin Department of Natural Resources
Greg Ruff	U.S. Army Corps of Engineers, MVD
Don Powell	U.S. Army Corps of Engineers, MVP
Teresa Kincaid	U.S. Army Corps of Engineers, MVR
Ken Barr	U.S. Army Corps of Engineers, MVR
Scott Whitney	U.S. Army Corps of Engineers, MVR
Janet Hodges	U.S. Army Corps of Engineers, MVR
Dan Holmes	U.S. Army Corps of Engineers, MVR
Kara Mitvalsky	U.S. Army Corps of Engineers, MVR
Mark Cornish	U.S. Army Corps of Engineers, MVR
Deb Foley	U.S. Army Corps of Engineers, MVS
Mike Kruckeberg	U.S. Army Corps of Engineers, MVS
Dan Stinnett	U.S. Fish and Wildlife Service, Region 3
Lynn Lewis	U.S. Fish and Wildlife Service, Region 3
Jon Duyvejonck	U.S. Fish and Wildlife Service/UMRCC
Pam Thiel	U.S. Fish and Wildlife Service, La Crosse Fisheries
Jim Fisher	U.S. Fish and Wildlife Service, UMR Refuge
Keith Beseke	U.S. Fish and Wildlife Service, UMR Refuge
Rick Frietsche	U.S. Fish and Wildlife Service
Dick Steinbach	U.S. Fish and Wildlife Service, Mark Twain NWR
Karen Westphall	U.S. Fish and Wildlife Service, Mark Twain NWR
Jon Kauffeld	U.S. Fish and Wildlife Service
Amy Denz	Minnesota Department of Natural Resources
Jerry Vineyard	Missouri Department of Natural Resources
Larry Shepard	U.S. Environmental Protection Agency, Region 7
Jim Harrison	Minnesota-Wisconsin Boundary Area Commission
Robin Grawe	Minnesota-Wisconsin Boundary Area Commission
Jeff Stein	American Rivers
Dan McGuinness	National Audubon Society
Holly Stoerker	Upper Mississippi River Basin Association
Barb Naramore	Upper Mississippi River Basin Association

ATTACHMENT B

EMP Spreadsheet

UMRS-EMP EXPENDITURES AND ALLOCATIONS

FY01 (\$ 000)						
		CARRY IN	ALLOCA.	TOTAL SCHED EXP.	31 Mar 01 ACTUAL EXP.	31 Mar 01 ACTUAL OBLIG.
PROGRAM ELEMENTS						
HABITAT PROJECTS						
HREP PROJECTS		116	10,971	11,087	3,270	5,425
HABITAT EVAL/MONITORING		44	800	844	235	305
HABITAT NEEDS ASSESSMENT		9	45	54	14	25
PLANNING/PRIORITIZATION		0	48	48	25	25
USFWS HREP SUPPORT		0	270	265	0	231
PROGRAM COOR. (Includes District Habitat Coordination)		2	632	634	347	392
LTRMP		22	6,404	6,426	1,967	6,147
TOTALS		193	19,170	19,358	5,858	12,549
TOTALS BY ORGANIZATION						
MVR		28	6,726	6,754	1,938	3,892
MVP		129	2,599	2,728	695	695
MVS		26	3,699	3,725	1,292	1,855
USGS		10	5,848	5,859	1,919	5,848
UMRBA Administration		0	28	28	14	28
USFWS		0	270	265	0	231
TOTAL		193	19,170	19,358	5,858	12,549

*1 Equals Conference Amount of 21,000,000, minus S&S of \$3,360,000, minus rescission of \$41,000, plus restored S&S of \$928,000, plus reprogramming of \$643,000 for a total allocation of \$19,170,000.

LTRM, Administrative, and Non-Site Specific Costs

	FY01 (\$ 000)				
	CARRY IN	ALLOCA.	TOTAL SCHED EXP.	31 Mar 01 Actual Exp.	31 Mar 01 Actual Obl.
HABITAT (Rollup from district sheets)					
BASELINE MONITORING	0	70	70	42	49
HABITAT PROJ. EVALUATION	44	398	442	174	193
BIO-RESPONSE STUDIES	0	332	332	19	63
USFWS HREP SUPPORT	0	270	265	0	231
PLANNING/SEQUENCING (PRIORITIZATION)	0	48	48	4	25
TOTAL HABITAT	44	1,118	1,157	239	561
PROGRAM COORDINATION (Excludes District Habitat Coord.)					
UMRBA	0	28	28	14	28
PUBLIC INVOLVEMENT	0	5	5	1	1
PROGRAM ADMINISTRATION	0	130	130	80	109
PROGRAM MGT TOTAL	0	163	163	95	138
LTRMP					
CORPS LTRM MANAGEMENT	12	100	112	44	34
LTRM (USGS)	10	5,848	5,859	1,919	5,848
CORPS LTRM TECHNICAL SUPPORT	0	456	456	4	265
SUBTOTAL	22	6,404	6,426	1,967	6,147
WORK ALLOWANCES					
NOTE:					

ST. PAUL DISTRICT

MVP	FY01 (\$ 000)											(Federal) Scheduled \$ To Complete	
	PROJECT ESTIMATE		TOTAL	NON	EXP	CARRY	ALLOCA.	TOTAL	31 Mar 01	31 Mar 01			
	ED Des.	CONST	W/O NON	FED	THRU			SCHED	Actual	Actual			
			FED	EST.	FY 00	IN		EXP.	Exp.	Obl.			
HABITAT PROJECTS													
Ambrough Slough, WI	340	2313	2,653	116	328	6	581	587	62	62	2,325	DESIGN	
Capoli Slough, WI	136	2,159	2,295		114	14	103	117	29	29	2,181	DESIGN	
Conway Lake, IA	462	1,998	2,460		0		80	80	58	58	2,460	DESIGN	
Harpers Slough, WI	250	5,300	5,550		360		186	186	53	53	5,190	DESIGN	
Long Meadow Lake, MN	150	2,100	2,250		138		88	88	18	18	2,112	DESIGN	
Polander Lake, MN	511	2,589	3,100		2,867	64	160	224	116	116	233	UNDERWAY	
Pool 8 Phase III, WI	120	15,000	15,120		149	1	170	171	129	129	14,971	DESIGN	
Pool Slough, IA/MN	164	450	614	155	338		185	185	5	5	276	DESIGN	
Spring Lake Isl, WI	138	3,700	3,838		140		259	259	62	62	3,698	DESIGN	
Trempealeau NWR, WI	945	4,920	5,865		5,592		260	260	20	20	273	COMPLETE	
Lake Winneshiek	160	4,400	4,560		0		41	41	0	0	4,560	DESIGN	
Other Habitat (Carry over)					0		2	2			0		
HABITAT TOTAL	9,125	63,177	72,302	510	34,004	85	2,115	2,200	552	552	38,298		
PLANNED ALLOCATIONS			55,181	397									
HABITAT EVAL/MONITORING													
HABITAT NEEDS ASSESSMENT					57			0					
BASELINE MONITORING					330		26	26	15	15			
HABITAT PROJ. EVALUATION					687	43	134	177	51	51			
BIO-RESPONSE STUDIES					1,231		157	157	0	0			
PLANNING/SEQUENCING (PRIORITIZATION)					0		7	7	2	2			
SUBTOTAL	0	0	0	0	2,248	43	324	367	68	68	0		
PROGRAM MANAGEMENT													
PROGRAM COORDINATION					2,200	1	160	161	75	75			
PUBLIC INVOLVEMENT													
SUBTOTAL	0.0	0.0	0.0	0.0	2,200	1	160	161	75	75	0		
LTRM													
LTRM COORDINATION					455		0	0	0	0			
ADDITIONAL LTRM					484			0					
SUBTOTAL	0	0	0	0	939	0	0	0	0	0			
TOTAL MVP EXPENDITURES	9,125	63,177	72,302	510	38,452	129	2,599	2,728	695	695	38,298		
WORK ALLOWANCES													
*1													
NOTES:													
*1 Equals Allocation of \$5,011,000; minus \$68 of \$802,000, Minus reprogramming of \$1,600,000 (\$700k MVS, \$900k MVR) for a total allocation of \$2,599,000.													

ROCK ISLAND DISTRICT

MVR	PROJECT ESTIMATE		TOTAL W/O NON FED	NON-FED EST	EXP THRU FY 00	FY01 (\$ 000)					(Federal) Scheduled \$ To Complete	
						CARRY IN	ALLOCA.	TOTAL SCHED EXP.	31 Mar 01 Actual Exp.	31 Mar 01 Actual Obl.		
	DESIGN	CONST										
HABITAT PROJECTS												
BANNER MARSH, IL	894	5,519	6,413	1,603	3,029	14	1,363	1,377	753	762	3,384	UNDERWAY
BAY ISLAND, MO	652	2,340	2,992		2,863	1	198	199	123	184	129	UNDERWAY
BERTOM LAKE, WI	350	2,044	2,394		2,320		40	40	14	14	74	COMPLETE
CHAUTAUQUA REF, IL	1,637	11,802	13,439		13,425		25	25	29	28	14	UNDERWAY
COTTONWOOD IS, MO	590	1,091	1,681		1,409		25	25	22	22	272	UNDERWAY
GARDNER DIVISION, IL	662	3,321	3,983		617		2,353	2,353	91	1,653	3,367	DESIGN
GREGORY LANDING, MO	0	0	0					0			0	DESIGN
HURON IS, IA	240	2,544	2,784					0			2,784	DEFERRED
LAKE ODESSA, IA	840	4,400	5,240		1,019	0	175	175	158	150	4,221	DESIGN
PEOSTA CHANNEL, IA	380	1,120	1,500		8			0			1,492	DEFERRED
PLEASANT CREEK, IA	180	557	737		246		552	552	150	153	491	DESIGN
POOL 11 ISLANDS, WI	1,252	10,550	11,802		1,126		168	168	114	115	10,676	DESIGN
POOL 12 OVER WINTER(MOLO SLOUGH,	1,004	13,000	14,004		22		100	100	62	62	13,983	DEFERRED
PRINCETON, IA	744	3,114	3,858	26	3,793		33	33	16	16	65	UNDERWAY
RICE LAKE, IL	921	5,121	6,042	1,997	570		37	37	12	12	5,472	DESIGN
SMITH'S CREEK	100		100		30		95	95	38	39	70	
SPRING LAKE, IL	1,165	5,425	6,590		6,567		30	30	9	10	23	UNDERWAY
OTHER HABITAT							276	276			0	
HABITAT TOTAL	14,171	82,457	95,546	4,708	48,936	15	5,470	5,484	1,590	3,219	46,610	
HABITAT												
HABITAT NEEDS ASSESSMENT					0							
BASILINE MONITORING			268		236		30	30	25	25		
HABITAT PROJ. EVALUATION			938		1,314	1	240	241	123	124		
BIO-RESPONSE MONITORING			588		796	0	175	175	19	63		
PLANNING/SEQUENCING(PRIORITIZATION)					39		20	20	4	4		
SUBTOTAL	0	0	1,794	0	2,386	1	465	466	171	216	0	
PROGRAM/MANAGEMENT												
HABITAT COORDINATION/MANAGEMENT			3,496	0	3,452	1	100	101	48	49		
PUBLIC INVOLVEMENT	0.0	20.0	20.0		117		5	5	1	1		
REGIONAL ADMIN AT MVR				0			130	130	80	109		
SUBTOTAL			3,516	0	3,569	1	235	236	129	159		
LTRM												
LTRM COORDINATION			530		708	12	100	112	44	34		
ADDITIONAL LTRM					416	0	0	0	0	0		
SUBTOTAL	0	0	530	0	1,124	12	100	112	44	34		
TOTAL MVR EXPENDITURES					54891	16	6,035	6,051	1,809	3,483	46,610	

*1 equals allocation of 12,411,000; minus S&S of 1,986,000, minus recission of 24,000, plus restored S&S \$928,000, plus 900,000 transferred from MVP, plus \$643,000 reprogrammed into EMP for a total allocation of \$12,872,000.
 Distribution: LTRM 6,404,000, USFWS \$270,000, EMP Admin 163,000, and HREP \$6,035,000.

ST LOUIS DISTRICT

MVS	PROJECT ESTIMATE		TOTAL W/O NON FED	NON-FED EST	EXP THRU FY 00	FY01 (\$ 000)						(Federal) Scheduled \$ To Complete	
	DESIGN	CONST				CARRY IN	ALLOCA.	TOTAL SCHWD EXP	31 Mar 01 Actual Exp.	31 Mar 01 Actual Obl.			
HABITAT													
BATCHTOWN MGMT AREA, IL	020	8,000	8,820		2761	7	1,438	1,445	415	517	6,059	Underway *2	
CALHOUN POINT, IL	561	7,500	8,061		895	3	900	903	344	675	7,167	DESIGN	
CUIVRE ISLAND, MO	358	1,215	1,573	458	1,316	0	60	60	5	5	257	UNDERWAY	
DIKE ALTERATIONS	300	2000	2,300		31		60	60	30	30	2,269	UNDERWAY	
DRESSER ISLAND, MO	295	2,475	2,760		2635.5	1	125	126	1	1	125	UNDER REVIEW	
POOLS 25/26, MO	177	1,010	1,187		126		200	200	9	9	1,061	UNDERWAY	
SANDY CHUTE	67	268	335		0						335	FACT SHEET	
SCHENIMANN CHUTE	40	1201	1,241		25	1	151	152	28	47	1,216	UNDERWAY	
STUMP LAKE, IL	521	5,416	5,937		5787.8	0	8	8	8	8	149	COMPLETE	
SWAN LAKE, IL	507	12,563	13,070	262	11,749	2	358	360	226	300	1,321	UNDERWAY	
					0						0		
OTHER HABITAT (Jeff. Barracks & Ft. Chartres Side Channels)					0	3	50	53	39	39	0		
							36	36	23	23	0		
HABITAT TOTAL	4,917	48,053	52,970	1,141	27,715	17	3,386	3,403	1,128	1,654	25,255		
PLANNED ALLOCATIONS	4,917	48,053	52,970	1,141									
HABITAT EVAL/MONITORING													
HABITAT NEEDS ASSESSMENT	1,000		1,000		886	9	45	54	14	25			
BASELINE MONITORING					426		14	14	2	9			
HABITAT PROJ. EVALUATION					286		24	24	0	18			
BIO-RESPONSE MONITORING					228			0	0	0			
PLANNING/SEQUENCING (RECOGNITION)					0		21	21	19	19			
SUBTOTAL				0	1,826	9	104	113	35	71			
PROGRAM MANAGEMENT													
PROGRAM COORDINATION					1,906		209	209	129	130			
PUBLIC INVOLVEMENT					0								
SUBTOTAL						0	209	209	129	130			
LTRM													
LTRM COORDINATION					217		0	0	0	0			
ADDITIONAL LTRM													
SUBTOTAL	0	0	0	0		0	0	0	0	0	0		
TOTAL MVS EXPENDITURES	4,917	48,053	52,970	1,141		26	3,699	3,725	1,292	1,855	25,255		
WORK ALLOWANCES				695			*1						
NOTES:													
*1 Equals Allocation of \$3,578,000; minus \$48 of \$572,000, Minus a rescission of 7,000, plus reprogramming of 700,000 for a total allocation of \$3,699,000.													
*2 Additional funds required to complete project.													

Historical Summary for UMRS-EMP through FY00

	PROJECT ESTIMATE		TOTAL	NON	EXP THRU FY 00	Status	District
	ED Des.	CONST	W/O NON FED	FED EST.			
INACTIVE HABITAT PROJECTS							
Blackbird Slough, MN	0	0	0		0	DEFERRED	MVP
Blackhawk Park, WI	67	165	232	77	232	COMPLETE	MVP
Bussey Lake, IA	725	2,707	3,432	162	3,432	COMPLETE	MVP
Cold Springs, WI	249	214	463		463	COMPLETE	MVP
Drury, MN	25		25		25	DEFERRED	MVP
East Channel, WI/MN	228	330	558		558	COMPLETE	MVP
Finger Lakes, MN	401	1,044	1,445		1,445	COMPLETE	MVP
Goose Lake, MN	121		121	0	121	DEFERRED	MVP
Guttenberg, IA	12	315	327			COMPLETE	MVP
Indian Slough, WI	265	723	988		988	COMPLETE	MVP
Island 40, MN	20		20		20	DEFERRED	MVP
Island 42, MN	5	257	262		262	COMPLETE	MVP
Lake Onalaska, WI	150	1,914	2,064		2,064	COMPLETE	MVP
Lansing Big Lake, IA	494	1,595	2,089		2,089	COMPLETE	MVP
Long Lake, WI	168	481	649		633	COMPLETE	MVP
Miss River Bank, MN/ North Lk, MN	627	1,070	1,697		1,696	COMPLETE	MVP
Peterson Lake, MN	404	775	1,179		1,179	COMPLETE	MVP
Pool 4, MN	3		3		3	DEFERRED	MVP
Pool 8 Islands, WI	416	1,898	2,314		2,314	COMPLETE	MVP
Pool 8 Phase II, WI	476	3,006	3,482		3,483	COMPLETE	MVP
Pool 9 Islands, WI	271	995	1,266		1,266	COMPLETE	MVP
Rice Lake, MN	258	424	682		679	COMPLETE	MVP
Small Scale Drawdown	33	64	97		97	COMPLETE	MVP
Spring Lake Peninsula, Sturgeon Lake, MN	177	271	448		448	COMPLETE	MVP
Whitewater River, MN	147	0	147		147	DEFERRED	MVP
Andalusia Refuge, IL	447	2,288	2,735		2,639	COMPLETE	MVR
Big Timber, IA	198	653	851		851	COMPLETE	MVR
Brown's Lake, IA	260	1,833	2,093		2,093	COMPLETE	MVR
Monkey Chute, MO	16	40	56		56	COMPLETE	MVR
Peoria Lake, IL	999	3,329	3,246	1,082	3,246	COMPLETE	MVR
Potter's Marsh, IL	640	2,366	3,006		3,006	COMPLETE	MVR
Alton Pool, IL	169	525	694	231	18	TERMINATED	MVS
Angle Blackburn, MO	190	506	696		0	FACT SHEET	MVS
Clarksville Refuge, Least Tern, MO	49	405	454		454	COMPLETE	MVS
Norton Woods, MO	110	200	310		33	DEFERRED	MVS
Osborne Channel, IL	190	1,440	1,630		0	FACT SHEET	MVS
Pharris Island, MO	160	440	600	190	116	TERMINATED	MVS
Stag & Keaton Island	233	2,550	2,783		1,269	COMPLETE	MVS
	180	339	519		499	COMPLETE	MVS
Total Completed HREP Products:					37,931		
HREP Expenses Summary Through FY00 by District/Div. (\$000)							
Habitat Products			Evaluation/Monitoring		Habitat Need Assessment		
	On Going	Completed	Total	Thru FY00		Thru FY00	
Totals	72,395	37,931	110,326	Totals 6,487	Totals	886	
Program Coordination Expenses Summary Through FY00 (\$000)							
Habitat Coordination/Management			Regional Administration				
	Thru FY00		Thru FY00		Thru FY00		
Totals	7554		Totals		2,388		
Long Term Resource Monitoring Program		Economic Impacts	Travels Monitoring	Recreation		Congressional Reports	
Totals Thru FY00		69,749	768	206	9	745	

ATTACHMENT C

EMP Public Involvement

- **Public Involvement Issue Paper**
- **Draft Public Involvement Plan (5/01)**

Subject: Proposed Public Involvement Plan for Upper Mississippi River System - Environmental Management Program

I. Issue Description. – The Upper Mississippi River System-Environmental Management Program (EMP) was reauthorized by the Water Resources Development Act of 1999. Although the act itself does not discuss public involvement, the implementation guidance for the program within the Corps of Engineers directed that public involvement be increased. The guidance, dated May 12, 2000, issued by CECW-PC, provides the following direction: "Develop and implement a plan to increase the level of public involvement for planning and implementing the EMP. The public involvement strategy should seek to improve the regional understanding on both the Upper Mississippi River ecosystem and the EMP, including its goals, objectives, expected outputs, and actual performance. Coordinate development of the public involvement plan with the EMP-CC. Provide the public involvement plan within six months to CECW-P for information and coordination with ASA(CW)."

A presentation on proposed public involvement was made to the EMP-CC at the November 2000 and February 2001 meetings. Following discussions, the Corps developed information on the fundamental goals of the strategy for public involvement. A conference call was held to discuss goals and objectives. This conference call included Corps of Engineers staff from Rock Island, St. Paul, and St. Louis, as well as UMRBA, State of Wisconsin, USFWS, and the Audubon Society. Following the February meeting, a draft list of tools to achieve goals has been prepared.

II. Presenter's Perspectives/Recommendations. The primary focus of the current form of the public involvement plan/strategy is on the goals and objectives and on the process for developing an overall plan. Note that the plan will be developed for calendar years 2001-2004, with annual review and update. While serving the ongoing goals and objectives of the program, this time frame also coincides with next required submittal of a Report to Congress. The purpose of the presentation at the EMP-CC will be to discuss basic tools and the ability to achieve set goals.

III. Questions for Program Partners' Consideration/Deliberation. Partners are asked to consider the tools suggested to achieve the goals and objectives. Coordination on this will be accomplished at the EMP-CC meeting.

IV. Additional Materials Attached is a draft paper. This will form the basis of discussion on public involvement at the EMP-CC meeting.

DRAFT
Upper Mississippi River System Environmental Management Program
Public Involvement Plan
Goals and Objectives
Tools

May 2001

Background – The Upper Mississippi River System-Environmental Management Program (EMP) was reauthorized by the Water Resources Development Act of 1999. Although the Act itself does not discuss public involvement, the implementation guidance for the program within the Corps of Engineers directed that public involvement be increased. The guidance, dated May 12, 2000, issued by CECW-PC, provides the following direction: “Develop and implement a plan to increase the level of public involvement for planning and implementing the EMP. The public involvement strategy should seek to improve the regional understanding on both the Upper Mississippi River ecosystem and the EMP, including its goals, objectives, expected outputs, and actual performance. Coordinate development of the public involvement plan with the EMP-CC. Provide the public involvement plan within six months to CECW-P for information and coordination with ASA(CW).”

I. Process – The steps to develop an overall public involvement program will include:

- Specify problems and opportunities and set goals for the future.
- Formulate alternative plans to reach goals.
- Evaluate and compare alternative plans (costs, investment levels, and effectiveness).
- Choose recommended level.

II. Problems and Opportunities – Purpose of this step is to set appropriate goals and objectives for the public involvement plan.

A. Goals: Goals will be set at the various levels of the program:

1. Upper Mississippi River Basin

- **Achieve Regional Understanding** – Acknowledge ongoing educational efforts by gathering brief information regarding educational and outreach programs focused on the Upper Mississippi River Basin. The EMP Public Involvement effort is intended to contribute to the overall goal of understanding of the ecosystem within the basin, but is not intended to assume a public involvement role for the region, beyond the EMP program.

2. UMRS-EMP Program

- Program Level
 - Inform and educate the public.
 - Gather input and feedback through open communication with diverse publics and involve them in planning for the future of the ecosystem.
- Future Reports to Congress
 - Inform and involve the public on needs and accomplishment of the program to make recommendations to Congress within prescribed timeframes (every 6 years beginning with 2004).

3. LTRM

- Inform and involve the public on current LTRMP.
- Obtain feedback to insure program continues to focus on important, key river issues.

4. HREP

- Formulation – Inform and involve the public to gain innovative ideas for measures to address resource needs.
- Project Selection – Inform and involve public on various alternatives to meet resource need and enhance selection of recommended plan.
- Outputs/Performance – Inform and educate on overall project performance.

B. Objectives: Each of these objectives differs by a “level of involvement” on the part of the public or target audience.

1. Awareness and Education

- Goal is to increase understanding. Awareness is making the public aware that there is a project/problem.

2. Feedback

- A process that enables input on overall EMP program and formulation and selection of projects and resource needs.

3. Involvement/Action

- Gather input and feedback throughout open communication diverse publics and involve them in planning for the future of the ecosystem.

C. Define Target Groups/Audience: Main focus of PI plan. The target audience of the public involvement plan is broken into five categories.

1. General Public
 - Local citizens, generally those people who live close to the project area and people who live in the general vicinity of the river and those that live within the basin.
2. Interested Public
 - Resource users, those previously aware of resource. This includes people who are interested but do not necessarily live close to the resource. Includes recreationist, activist, and members of the academic community and other organizations.
3. Stakeholders
 - Interested groups, environmental partners, navigation interests.
4. Legislative
 - City, county, state and federal levels, elected officials.
5. Cooperators
 - Government agencies that implement the program. They will not be a focus of the public involvement plan, but will have the opportunity to have increased awareness about agencies as a result.

III. **Summary** – Propose using the following matrix to summarize the goals and objective setting.

A. Public Involvement Matrix:

	Awareness/ Education	Feedback	Involvement /Action	Audience/Target
<i>Upper Mississippi River</i>				
Regional Understanding	X			General and interested public, stakeholders, legislative, cooperators
<i>EMP (Program Level)</i>				
Goals and Objectives	X	X		General and interested public, stakeholders, legislative, cooperators
Periodic Reports to Congress	X	X	X	Public, Congress
<i>LTRMP</i>	X	X	X	Stakeholders, cooperators
<i>HREP</i>				
Formulation	X	X	X	General public, interested public, stakeholders
Project Selection	X	X	X	General public, interested public, stakeholders
Outputs/Performance	X	X	X	General and interested public, stakeholders, legislative, cooperators

B. Tools to Achieve Goals and Objectives:

1. EMP Program Level

- a. EMP Brochure, updated with current project information on an annual or bi-annual basis
- b. Publishing of EMP project performance information
- c. Prepare EMP article to be submitted to multiple publications
- d. Create an EMP "powerpoint", available on project web site for many to use to discuss and share the program
- e. Consider obtaining aerial oblique photography on a regular basis to use in or with other tools
- f. Seek out stakeholder and companion website relationships
- g. Continued update, maintenance, and enhancement of EMP web site
- h. Video describing EMP program
- i. Community service – e.g. presenting awards to student groups and activities that achieve similar goals to EMP, etc.
- j. News releases about the program
- k. Attend stakeholder, interested public, and cooperator meetings

2. EMP HREP

- a. Maintain current web site
- b. Public workshops and listening sessions
- c. Newsletters
- d. Update performance reports on project and publish and publicize frequently
- e. News releases on HREP project goals, meetings, and outputs.

ATTACHMENT D

Corps Activity Report

Corps of Engineers Activity Report
For Main-Stem Upper Mississippi River System Activities in three COE Districts

I. ST. LOUIS DISTRICT (MVS)

A. Navigation

1. Melvin Price Locks and Dam – **The Main lock opened to traffic on 7 April.** The Visitor Center Building was completed in early 1999. Construction of the esplanade facilities, highway intersection, Illinois access road and visitor parking area is complete. Recreation facilities (cost-shared with Alton, Illinois) and other minor contracts at the dam site remain. This work is scheduled to continue through the year 2003.

2. **Review of Avoid and Minimize** - Environmental Impacts Program - Construction of two additional chevron dikes will take place in Pool 24, based on the micro model study completed in 1999, bringing to five the total number of chevrons at the Cottonwood Island location. A micro-model for a generic side channel is under development and hopefully will demonstrate how to improve side channel connectivity with the main channel, as well as improve habitat within side channels.. Suggested river training structures include island creation to provide habitat for aquatic and semi-aquatic species and side channel creation. The area under consideration is between RM 100 and RM 80. The District intends to construct, and monitor, several experimental wood river-training structures this year in the open river. Environmental monitoring continued with further investigation of the pallid sturgeon habitat use in the open river and fish & wildlife habitat monitoring in the areas affected by environmental pool management. Work continued by District staff and partner biologists monitoring fish use of scour holes behind a modified wing dike in the Open River. Large numbers of over wintering fish were found in areas of low velocity in the scour hole behind the dike, prior to alteration, as many had suspected. A post project evaluation will be conducted this year. Monitoring of fish passage and fish passage conditions continued at L & D 25 during open river conditions. An assessment of river current conditions in the vicinity of gate 17 was also done to determine if conditions are present to allow for fish to move upstream. Information collected in 1999 indicates fish are passing through some dam gates during open river conditions. Micro-model work in Cottonwood Chute has been completed. Construction will occur this fiscal year, water level permitting.

3. **Endangered Species Act Compliance** for the Melvin Price Locks and Dam with Second Lock - With the assistance of the Waterways Experiment Station (WES), MVS began a study of the Federally endangered Higgins' eye pearly mussel in 1988. The study has included monitoring of five mussels beds and navigation impact studies on these beds to obtain baseline data for the period 1989 through 1994. A summary report for this 7-year study was printed and distributed in May 96. A draft report, entitled, "Measures to Minimize Harm to Lampsilis higginsi Caused by the Passage of Commercial Navigation Vessels in the Upper Mississippi River" was distributed to agencies for their review in Jun 96. That report was completed and distributed in March 1998. The St. Louis District consulted with the U.S. Fish and Wildlife Service in May 1997 on future study activities. It was agreed that the number of sampling sites would be reduced to three in Pool 10, 14 and 24, in years 1999 and 2004. The data would be compiled and compared with a mussels study being done under the Upper Mississippi River - Illinois River Navigation study. A decision will be made at that time regarding the need for continuation of the second lock mussels study. The field work for the 1999 sampling has been completed. The report on this work will be prepared in 2001, when actual navigation traffic records for 1999 become available. MVD entered into formal coordination under the ESA with the FWS covering the operation and maintenance of the navigation project for the St. Paul, Rock Island, and St. Louis Districts. The final biological opinion has been issued and the Corps is preparing a response to this opinion. Negotiations on implementation strategies, schedules, and jeopardy opinion on the pallid sturgeon and incidental take statement for least tern are continuing.

4. **Major Rehabilitation:**

a. Major Rehabilitation at Lock and Dam No. 25 began in FY94 is complete on all items except rehabilitation of the auxiliary lock closure. Project completion is scheduled for 2001.

b. Major Rehabilitation was initiated at Lock and Dam No. 24 in FY96. The project plan provides for the rehabilitation or replacement of miter gates, the auxiliary lock closure structure, dam pier bridge columns, selected electrical and mechanical items, correction of an outdraft problem with bendway weirs, a protection cell and larger openings in the guardwall. Rehab of the dam piers, electrical and mechanical equipment and lock miter gates is complete. Construction is likewise complete for Phase One of the bendway weir work (i.e. dike

extension) and the mechanical/electrical rehabilitation. During FY 2000 a second phase of bendway weirs was installed. A second major rehabilitation report was approved in Sep 97 for repair of the LOCK wall concrete, tainter gates and anchorages, and the Illinois abutment and was funded in the FY 2000 budget. Rehabilitation of the Illinois abutment was initiated in FY 2000 and will be completed in the first quarter of FY 01. P&S are scheduled to be complete in the second quarter of FY 01 and the initiation of construction in the fourth quarter of FY 01.

B. Upper Mississippi River System Environmental Management Program

1. **Clarksville, Missouri** - Construction was completed in Apr 90. The final project evaluation report was completed in July 96.

2. **Dresser Island, Missouri** - Construction was completed in Sep 91. Monitoring results have suggested that the desired water temperature and water level controls are being achieved. The final report was completed in November 1998. MDOC has identified operational problems with existing structures. Work includes repairing stone embankment sections to prevent through seepage, repairing existing gravity drainage structures, installing a new gravity drainage structure installing a new stop-log structure, repairing existing boat pullover structure, installing new boat pullover structure, and some incidental ditch excavation. Construction is expected to be complete during the fourth quarter FY01.

3. **Pharrs Island, Missouri** - Construction was completed in May 92 on the Phase I upstream, bull-nosed dike. The post-project fish survey is still in progress, with final survey anticipated for FY00. Fish cover enhancement consisting of cedar tree placement, as identified in the DPR, was installed at the site in FY 96 by MDOC staff. The draft project evaluation report is scheduled for completion in FY01.

4. **Stump Lake, Illinois** - Construction was completed in FY99. Final closeout documentation has begun for official project delivery to partner. A dedication was held on 16 July 99 with the Assistant Secretary of the Army, Dr. Joseph Westphal.

5. **Swan Lake, Illinois** - The project was approved for construction in Jun 93 and in Oct 93 the hillside sediment control plan was directed to be initiated. The project is subdivided into four items of construction: Item 1 is the Fuller Lake levee, Item 2 is the two pump stations, Item 3 is the Swan Lake levee and miscellaneous site work, and Item 4 is the hillside sediment control measures. Item 1 contract is complete. Item 2 contract is complete with resolution of claim for \$175,000. Item 3 contract is complete. Item 4 is complete. Draw down for Middle and Lower Swan Lake was initiated in May 2000 and was unsuccessful due to higher than average rainfall in the region. In Lower Swan Lake (Site #3), a 48,000 GPM pump is proposed with the completion of design by the end of FY 01, and construction beginning in the third quarter of FY 02. This pump will aid draw down capabilities.

6. **Cuivre Island, Missouri** - The Cuivre Island Greentree Reservoir (GTR) contract was completed in September 1999. Remaining features of work include hard points and a prop-wash experiment. The project will receive disposal rock from LD 25 Rehab for hard points. A dedication ceremony was held August 17, 2000, aboard the MV Mississippi. Soil probing of limited sections of the ditches conducted in the Fall of 2000 indicated the presence of sand lens. The District proposes a more extensive soil exploration program to better identify the location of the sand lens. A letter supporting cost sharing of the work was received from the local sponsor (MDOC) on March 1, 2001. The funds will not be made available from MDOC until after 1 July, 2001. The goal is to complete the soil exploration and construction repairs prior to the end of FY01 and the migratory waterfowl season in the Fall of 2001.

7. **Batchtown, Illinois** - The final DPR was approved in Feb 97. A Value Engineering study was completed on this project in Sep 96. Phase I Dredging Construction contract was awarded in March 2000 and is approximately 92% complete with the remainder completing in the 3rd quarter of FY 01. Bid Opening Date for Phase II construction contract 1 May, 2001. Construction is scheduled to begin the 4th quarter of FY-01 for Phase II. Representatives from IDNR, USFWS and the Corps met on 20 March, 2001 to discuss the Phase III portion of the project. A draft plan was developed with agreement from all representatives. MVS will perform DPR level cost and habitat evaluations on the proposed plan and present to MVD for approval. Hillside Sediment Control Measures features are underway with NRCS.

8. Calhoun Point, Illinois - The final DPR was sent to HQUSACE in July 1996. The final DPR was approved at HQUSACE in May 1999. A Value Engineering Study was completed in August 1999. Phase I & II P&S are underway. Construction is scheduled to begin the 4th quarter of FY01 for Phase I. Construction is scheduled to begin in FY02 for Phase II if funds become available. Phase III scope of work will be coordinated with partners in 1st quarter of FY02.

9. Stag Island, Missouri - The project was completed in July 1998 at an estimated cost of \$530,000. Waterfowl counts were started in FY98 and are ongoing. Waterfowl surveys for all our pool sites are ongoing.

10. Pools 25 & 26 - MVS will be coordinating phase two of a charrette process for the Definite Project Report phase in fourth quarter of FY 01..

11. Schenimann Chute Side Channel, Missouri - A new project has been identified by Missouri Department of Conservation in the Open River. A fact sheet was approved on 30 July 99. A streamlined DPR (Preliminary Restoration Plan) was forwarded to MVD for review and approval in Aug 00. The Corps has started on the PDA phase with the goal of PDA submission and approval along with advertising the contract in the fourth quarter of FY 01. The contract will be awarded in 2nd qtr of FY02.

12. Stone Dike Alterations -A micro-modeling study was begun in FY 01. Initial DPR investigations were started in 3rd qtr FY 01.

13. Fort Chartres Side Channel - A new project was identified by the St. Louis RRAT on the Open River. MVS has initiated fact sheet and is awaiting Letter of Intent from IDNR. Micro-model of the project was initiated in FY00 and will be completed in FY-01.

14. Jefferson Barracks Side Channel - A new project was identified by the St. Louis RRAT on the Open River. MVS has initiated fact sheet and is awaiting Letter of Intent from IDNR. Micro-model of the project was initiated in FY00 and will be completed in FY-01.

15. UMRS-EMP Habitat Needs Assessment (HNA) - All four components of the HNA Report - the Summary Report, the Technical Report, the Public Involvement Report and the Query Tool are scheduled back from the printer the week of February 12. The following are the number of copies being made of the various components of the HNA: 2000 copies of the Summary Report, 200 copies of the Technical Report (in the back of the Technical Report will be two CDs - one CD will have the Technical Report in two different formats - PDF and Word as well as all of the appendices, the second CD will have the Public Involvement Report), 50 hard copies of the Public Involvement Report and 200 copies of the Query Tool (the Query Tool has five CDs in the back of the report). Initial mailing of the reports was completed in February, 2001.

16. Fact Sheets - The St. Louis District has received fact sheets from the Missouri Department of Conservation, Illinois Department of Natural Resources and the US Fish and Wildlife Service. Letters of Intent from the sponsoring agencies have been requested for each Fact Sheet. A meeting was held in March by the MVS River Resources Action Team (RRAT) to prioritize the fact sheets. Letters of Intent and Fact Sheets will be forwarded to MVD for approval.

C. Section 1135 Program & Section 206

Until recently, the District was pursuing year-round Environmental Pool Management (EPM) at Mississippi River Navigation Pool 25. Due to a number of sponsor related Section 1135 issues, that project is now proposed as a mitigation feature for study under the UMR Navigation Study. Late FY00 & early FY01 expenditures will be directed at habitat quantification relating to the linkage between navigation related fisheries losses and fisheries gains from year-round EPM. The mitigation measure entails a 1.5 year assessment of hydraulics and real estate impacts, 2 years to revise the Pool 25 water control manual, and 2 years for real estate acquisition. Expansion of the concept to Pools 24 and 26 is dependent upon the Pool 25 study results and future "adaptive mitigation" concept.

The District is working on a Section 1135 project in sponsorship with The Nature Conservancy (TNC). The project, known as the Spunky Bottoms project, is located in the Little Creek Drainage District. The Drainage District is situated along the right bank of the Illinois River just below the LaGrange L&D. Sponsor suggested project features include, a fish passage structure thru the Federal levee, mouth of tributary sediment traps, raising

two site access roads, elevating an existing pump station, and limited land acquisition. The Preliminary Restoration Plan (PRP) is at MVD awaiting approval. Draft ERR was initiated on February 2000.

A Section 206 (Aquatic Ecosystem Restoration) project is being planned for the Ted Shanks Conservation Area located along the Mississippi River, 16 miles north of Louisiana, MO. An extensive acreage of high quality bottomland hardwood forest was lost as a result of the major floods of 1993 and 1995. The project area initially included 250 acres of land owned and managed by the Missouri Department of Conservation. However, the acreage has been expanded to 420 acres which will be planted to trees using a newly developed technology for bottomland hardwoods restoration. The total cost of the project was initially set at \$300,000, but has now been expanded to \$700,000. The Draft Planning and Design Analysis (PDA) report is out for public review at this time.

D. Environmental Stewardship Activities

1. A comprehensive Rivers Project Office master plan is being prepared to guide use and development of federal public lands and waters on the Mississippi River Navigation Pools 24, 25, 26, 27 and the Kaskaskia River Navigation Project lands. This is a cooperative effort with other federal and state agencies and public interest groups concerned with the rivers and their uses. In 1992, a plan of investigation was prepared to identify the planning process, scope, schedule, and special requirements. River issues and resource use objectives were identified through interagency and public input that established a foundation for preparing a responsive master plan. The master plan development process was suspended from 1993 through 1996 due to flood recovery efforts for the 1993 and 1995 Mississippi River floods. It was resumed in 1997. A draft plan was released for public review in May 1999 and public workshops were conducted in June 1999.

2. The master plan will include a revision of the project resources inventory, resource use objectives, land use classification, facility demand, site specific plans for development and management of public lands and waters, and environmental compliance. Public involvement is being solicited throughout the process. The final master plan is scheduled for approval and release in July 2000.

II. ROCK ISLAND DISTRICT (MVR)

A. Major Rehabilitation

The last phase of construction for the Lock and Dam 14 Major Rehabilitation, Stage II, Dam is scheduled for completion in September 2001. The first stage of construction for Lock and Dam 12 Major Rehabilitation Stage I, Dam Scour Protection was completed in August 2000. Lock and Dam 12 Major Rehabilitation Stage II, Lock was awarded 22 September 2000. The lock closure is scheduled from December 2001 to March 2001. Plans and specs for the last stage of construction, Stage III, Dam have been initiated are scheduled for approval in 4th quarter FY 01. The Stage III, Dam is scheduled for award in November 2001 (1st quarter FY 02). **Lock & Dam 11 major rehabilitation is not in the FY 02 President's budget and, therefore, we anticipate a FY 03 new start unless Congress funds it through a Congressional add in FY 02.** POC: Dave Tipple, Project Manager, at 309/794-5399.

B. Upper Mississippi River System Environmental Management Program - HREP

1. **Flooding may have significant impacts on construction schedules for this season. The flooding may also have impacts on already constructed HREP projects. This will be evaluated in the weeks ahead as the water levels decrease.**
2. **Pool 11, Pool 11 Islands, Iowa/Wisconsin. The public review draft DPR was issued on February 27, 2001. A public meeting was held on March 6 in Dubuque, Iowa. It has been determined that the island component of the project will not be recommended for construction until further monitoring and coordination has taken place. Contract award is anticipated in January 2002.**
3. **Pool 11, Bertom McCartney Adaptive Measures, Wisconsin. Adaptive measures are being evaluated for this project. A performance evaluation report is scheduled for this Fiscal Year.**

4. **Pool 12, Overwintering, Illinois/Iowa.** The draft feasibility report is scheduled to be completed in September 2002. Received a letter from the USFWS requesting that dredged sediments from the project be removed from the flood plain.
5. **Pool 13, Brown's Lake, Iowa.** A Performance Evaluation Report is scheduled for this Fiscal Year.
6. **Pool 13, Pleasant Creek, Iowa.** This project was the first submitted for approval through a streamlined format. Pleasant Creek Final DPR was sent to MVD for approval on September 29, 2000, and was the first report submitted in a streamlined format. Invitation for Bids was on April 10. Bid opening was scheduled for May 10 but has been postponed due to high potential of changed site conditions due to the current flood conditions. Bid opening will be rescheduled once flood levels decrease and an evaluation of the site can be made.
7. **Pool 13, Potters Marsh, Illinois.** A Performance Evaluation Report is scheduled for this Fiscal Year.
8. **Pool 13, Smith's Creek, Iowa.** Baseline monitoring and preliminary design work began during 4th quarter FY 2000. Initial project coordination for the DPR continues to progress. A DRAFT Quality Control Plan for the DPR was submitted on 6 December 2000. A second interagency coordination meeting was held in Bellvue, IA, on 10 January to discuss the QCP, baseline monitoring, performance evaluation of Browns Lake HREP, real estate, cost sharing, and public meeting. The initial public meeting with private landowners was held in February 2001 with no dissenting objections raised. Jackson County Soil and Water Conservation District will be the non-federal sponsor for the project.
9. **Pool 13, Spring Lake, Illinois.** Stage I and Stage II contracts are complete. Structural modifications contract is ongoing. The final Operation and Maintenance Manual is scheduled for Completion in this Fiscal Year. A Performance Evaluation Report is scheduled this Fiscal Year. Ed Britton, USFWS Refuge Manager, has expressed concern regarding damage to the interior MSU levees inflicted by muskrats burrowing completely through the levees. Subsequently, the functionality of the MSUs appears to be questionable. USFWS staff continue to evaluate alternatives for muskrat control and repair of the levees.
10. **Pool 14, Princeton Refuge, Iowa.** Final contract to adapt the project to address operability issues was awarded, and construction is underway. The final Operation and Maintenance manual is scheduled for completion in May 2001. A Performance Evaluation Report is scheduled for this Fiscal Year.
11. **Pool 16, Andalusia, Illinois.** A Performance Evaluation Report is scheduled for this Fiscal Year.
12. **Pool 17, Big Timber, Iowa.** A Performance Evaluation Report is scheduled for this Fiscal Year.
13. **Pool 17, Lake Odessa, Iowa.** An interagency Lake Odessa team meeting was held in February 2001 at USFWS' Wapello office. The Corps presented rough cost and quantity estimates for potential features discussed at the last team meeting. The USFWS presented the Corps with several new potential features in April 2001. These features need to be evaluated before the draft DPR can be completed. The draft DPR is very tentatively scheduled for June 2001.
14. **Pool 21, Cottonwood Island, Missouri.** The final Operation and Maintenance Manual was completed in April 2001. A Performance Evaluation Report is scheduled for this Fiscal Year.
15. **Pool 21, Gardner Division, Illinois.** A low bidder was identified for the Gardner contract after bid opening in January. The low bidders bid total was more than 25% under the government estimate. The bidder was allowed the time to review the bid, noted some errors, and requested to withdraw the bid. The withdrawal was granted on 2/28/01. The construction contract was awarded to the next lowest bidder since their bid was within 25% of the government estimate. The Indiana bat exclusion period for cutting down trees was incorrect in the contract. Trees of concern were removed before the exclusion period begins in April with significant coordination with the US FWS.
16. **Pool 21, Monkey Chute, Missouri.** A Performance Evaluation Report is scheduled for May 2001.
17. **Pool 22, Bay Island, Missouri.** The contract to adapt the project to address operability issues is

approximately 85% complete. Project will be substantially completed by mid November of this year. Only remaining work beyond November is seeding which has to wait until next spring. High water will delay early spring seeding of areas disturbed during construction. Project is operational and will have the Wetland Management Units flooded before the end of October. A Performance Evaluation Report is scheduled for this Fiscal Year.

Illinois Waterway

1. **Peoria Pool, Peoria Lake, Illinois.** The performance evaluation report was completed in March 2001.
2. **LaGrange Pool, Lake Chautauqua, Illinois.** The U.S. Fish and Wildlife Service (USFWS) has been operating this project since the fall of 1999. The project has experienced significant losses to waterfowl due to botulism outbreaks. Removal of standing water during moist soil unit draw down will prevent further losses. Excavation of drainage channels totaling approximately \$500K is required. Desired implementation schedule includes an award during the June 2001 timeframe, with excavation complete by September 2001. This may be delayed to next Fiscal Year depending on District funding availability. An updated Operation and Maintenance Manual is scheduled to be completed this Fiscal Year. An Interim Performance Evaluation Report is scheduled for this Fiscal Year. Bathymetric transect surveys were conducted in February to refine the Fact Sheet and cost estimates.
3. **LaGrange Pool, Banner Marsh, Illinois.** Stage I work, which was accomplished by the Illinois Department of Natural Resources (ILDNR), is completed. Stage II work is ongoing. All levee embankment work is complete. Pump station rehabilitation is underway. The ILDNR has instructed the District to exercise contract options for additional riprap. Riprap placement will continue into this summer. A contract modification for the pump station was executed. Alternatives are being analyzed for an area around the pipe (leaking water around the pipe through the levee), clean out of the pump forbay area, and a road raise. The Operation and Maintenance Manual is scheduled to be completed in July 2001, with fiscal closeout anticipated for December 2001.
4. **LaGrange Pool, LaGrange Pool Side Channel Habitat.** This is a new project that has substantial side channel habitat benefits, is 100% federally sponsored, and could be awarded during early FY02 if feasibility effort commences during early FY01. Estimated cost is approximately \$2M. A Fact Sheet has been submitted to FWIC chairman in consideration of an ordered list of project in MVR.
5. **LaGrange Pool, Rice Lake, Illinois.** The project continues to have real estate and legal issues related to the purchase of Duck Island. The ILDNR and MVR continue to seek options that would allow this project to proceed with or without the acquisition of Duck Island. A meeting was held on March 14, 2001 to discuss project features. ILDNR has funding to proceed with some aspects of the project. The public review draft DPR for this project was scheduled for completion in May 2001, with construction award anticipated in April 2002.

At the January RRCT meeting held at MVR District headquarters, EMP managers Whitney and Kincaid formally requested the submittal of an ordered list of project fact sheets for new HREPs be submitted by the FWIC chairman one month prior to the next RRCT meeting. FWIC chairman, Clevensine, agreed to solicit fact sheets from resource managers and convene a meeting to evaluate, justify, and order the proposed projects. The meeting was held on April 19th with the following projects being proposed in no particular order: Beaver Island, IA; Huron Island, IA; Henderson 3, IL; Crow Creek/Weiss Lake/Duck Ranch (Billsbach Landing), IL; and Fox Island (Gregory Ditch), MO. The RRCT will review the ordered project list and make administrative recommendations to the EMPCC prior to their August meeting. This process is being initiated as a short-term measure to provide MVR with additional projects needed to maintain the HREP program in the near term (1-2 years).

C. Upper Mississippi River System Environmental Management Program - LTRMP

1. Scopes of Work for the Base LTRMP program were approved and funds transferred in early December 2000. The FY01 appropriation for implementation of the Base LTRMP program is in the amount of \$5,324,000. The SOW for FY01 is currently displayed on the UMESC website for LTRMP. In addition, a spreadsheet currently being used to manage and monitor program execution is also provided at this same location.

2. An additional \$900K was secured by the Corps to recoup some of the assessed Savings and Slippage. These funds have been specifically targeted for five prioritized overtarget projects: (1) HNA Technical Support and development, (2) Bathymetric Mapping of the UMRS, (3) Sedimentation and Erosion along transects in UMRS backwater areas, (4) Year 2000 land cover/land use and aquatic areas GIS Database, (5) Restoration of LTRMP-Base Projects.
3. The 1st quarter Corps of Engineers and USGS FY2001 LTRMP in-progress review (IPR) meeting was held at the Upper Midwest Environmental Sciences Center (UMESC) on 18 January 2001. Topics of discussion included: completion of outstanding FY00 deliverables, FY01 Base program milestones, FY01 Overtarget SOWs, report preparation and distribution, statistical analyses, additional bioresponse monitoring opportunities for HREP support, convening of next A-Team and tentative agenda items.
4. The A-Team held a meeting on April 25th to discuss the following items: personnel changes, LTRMP Interim Progress Review, FY01 funded Base LTRMP program, and milestones, analyses of fish monitoring protocols, overtarget work, and the EMP fall conference. Meeting minutes will be distributed in the near future. The next scheduled A-Team meeting will be a conference call on July 16th.

D. Section 205 Small Flood Control Summary

Cong. District	Total Est. Implementation Costs (\$000)*	Project & PWI No.	Stage	Milestones	Status
IA-01	560.0	Mad Creek at Muscatine, IA PWI No. 150096	FEAS	Plan Form Apr 01 Draft DPR Jun 01	Feasibility level cost estimates are completed. Selection of a recommended plan is scheduled for mid-April. Completion of the draft DPR is scheduled for mid-June.
WI-01	TBD	Wind Lake Watershed, Norway-Dover Drainage Dist, Racine County, WI PWI No. 167362	FEAS	Begin Feasibility Apr 01	Initial phase of feasibility was started in April.
IL-18	665.0 Const (Stage I)	East Peoria, IL PWI No. 091606	P&S	ROW Cert 19 Mar 01 Award 3 May 01	Stage I (Riprap Placement) BCOE was held on-site on 30 Jan 01. May 01 award is anticipated pending ROW availability. Escrow agreement was approved by CECC-G and forwarded to the sponsor last month.

IA-02	6,259.6	Cedar Falls, IA PWI No. 091526 Contract No. 98-C-0019	CONST	Closeout Sep 01	Final construction contract closeout being coordinated with contractor. Coordination with city regarding the finish quality of promenade sidewalk concrete is pending spring inspection. FIS mapping revision request has been forwarded to FEMA mapping contractor with a Letter of Map Revision anticipated in May 01.
IL-17	2,278.6	Liverpool, IL PWI No. 091101 Contract No. 97-C-0035	CONST	Closeout Mar 01	Financial closeout is underway. Will be completed by the end of Apr 01.
IL-11	3,838.9	S.E. Ottawa, IL PWI No. 091230 Contract No. 98-C-0017	CONST	Closeout Jun 01	ED-DM (Roger Perk) met with Supt. Mic Clinch on 22 Mar 01 to discuss final LERRDs, financial closeout, FIS mapping revision, as-builts, O&M manuals and deliver project dedication plaque. A credit audit has been initiated with the DCAA. Financial closeout will be initiated upon completion. FIS mapping revisions are being coordinated with FEMA mapping contractor and the city of Ottawa.
IA-04	3,488.6	Raccoon Rvr, IA (Stage II) PWI No. 091242 Contract No. 99-C-0012	CONST	Closeout Jul 01	Certification of LERRDs is being coordinated with the local sponsor. City's use of HUD CBG for matching funds is a credit issue that is being reviewed. A credit audit will be required. Financial closeout will be initiated once the audit process is completed.

* Costs listed by phase.

POTENTIAL NEW SECTION 205's (listed in priority order):

Austin, MN (Cong. Dist MN-01).

A letter of assurance was received from the city, 22 Jan 01. The city requested review of a 1979 report where no Federal interest was found in flood damage reduction. Since that time, many of the structures have been relocated and a relocation program continues. Due to this, the likelihood of a Federal interest is even less than the 1979 evaluation. District staff visited the city 5 Apr 01 and attended a public meeting. Candidate evaluation and request for new start funding is being requested from MVD.

East-West Creek at Riverton, IL (Cong. Dist. IL-18).

Congressman La Hood has requested authorization for a flood damage reduction project in a letter to the Water Resources and Environment Subcommittee dated 1 Mar 00. Section 102 of the House version of WRDA 2000 included language for the potential project but no authority or appropriation followed. In addition, no formal request or letter of assurance has been received from the community.

Pekin and La Marsh Drainage and Levee District, IL (Cong. Dist. IL-18).

The levee district requested assistance with construction of a new pump station by their letter dated 28 Apr 00. Their existing pump station is not adequate and may be a candidate for reconstruction under PGL 50. MVD did not approve the project for a new start stating that it may be more appropriately addressed under Section 216, Review of Authorized Projects.

E. SECTION 14, Emergency Streambank/Bankline Protection

Cong. District	Total Est. Implementation Costs (\$000)	Project & PWI No.	Stage	Milestones	Status
IA-02	310.0	Highway 52 at Jackson County, Bellevue, IA PWI No. 161360	PDA Mar 01	Approval Apr 01 Advertise Jul 01	Awaiting MVD approval of PCA, PDA, and construction commitment.
MO-09	649.0	State Route A, Scotland County, MO PWI No. 163318	CONST Sep 01	PCA Executed Apr 01 Advertise Jul 01	The PCA was signed 10 Apr 01.
IA-05	40.0	Coats Addition Sewage Lagoons, Webster County, IA PWI No. 160224	PDA	PDA Complete Sep 01	Webster County and Coats Utility Company representatives attended a PRB meeting 8 Mar 01. Field site investigations are complete and expect preliminary designs from ED-DN soon.
IL-17	40.0	County Hwy 64, Rock Island County, IL PWI No. 167360	PDA	PDA Complete Sep 01	Started Planning and Design Analysis 26 Feb.
IA-02	40.0	Sac & Fox Settlement Pow-Wow Grounds Tama County, IA PWI No. TBD	PDA	PDA Complete Sep 01	Started Planning and Design Analysis 26 Feb.

POTENTIAL NEW SECTION 14's:

Van Buren County, IA (Cong. Dist. IA-03).

A head cut continues to migrate up the Fox River threatening the stability of the Streambed and Inventory and Appraisal (SIA) Bridge No. 008400 over the Fox River on County Road W20 southwest of Mount Sterling, Iowa. Upon receipt of sponsor letter of assurance, the District will request funds to initiate a new start.

Village of Morton, Tazewell County, IL (Cong. Dist. IL-18).

A head cut on Ackerman Creek is located immediately downstream of a sanitary sewer trunk carrying sewage to the Village's wastewater treatment plant. A letter of assurance was received by the Village of Morton dated 20 Feb 01. Eligibility checklist has been submitted to MVD and PDA will be initiated when additional new start funding is available.

Marion County, MO (Cong. Dist. MO-09).

County Road 150, along Fabius River - Two sites (Road 150 and State Route A) have been identified. MVR requested \$10,000 to initiate this study on 3 May 96. Letter of intent from sponsor dated 10 Oct 94 is on file. Spoke with county engineer on 6 Oct 98 and Road 150 is the county's first priority.

Cedar County, IA (Cong. Dist. IA-01).

Erosion along West Rochester Avenue is threatening the stability of a single-access housing addition just south of Tipton, Iowa. Site visits were made in Dec 99, Aug 00, and Mar 01 to observe accelerated rates of erosion. No letter of assurance has been received to date.

Village of Granville, IL (Cong. Dist. IL-18).

Several manholes from the Village combined sewer overflow system are exposed and being eroded along All Forks Creek. MVR visited the site in Nov 99 and Apr 00. Preliminary cost estimates have been developed and provided to the Village. No letter of assurance has been received to date.

POTENTIAL NEW SECTION 14's (continued):

Washington, IL (Cong. Dist. IL-18).

A 30-inch sanitary sewer is being threatened by erosion from Farm Creek. A letter of intent from the city dated 21 Nov 00 has been received. Site visit was made on 25 Jan 01. Eligibility checklist has been submitted to MVD and PDA will be initiated when additional new start funding is available.

F. SECTION 208, Clearing and Snagging for Flood Control

POTENTIAL NEW SECTION 208's:

Sangamon River at Riverton, IL (Cong. Dist. IL-18).

Section 108 of the House Version of WRDA 2000 contained language introduced by Congressman Ray La Hood, R-IL, requesting the Secretary of the Army to conduct a clearing, snagging, and sediment removal project on the Sangamon River and Tributaries. MVR is awaiting formal request from local sponsors.

G. SECTION 1135, Project Modifications for Environmental Improvement

Cong. District	Total Est. Implementation Costs (\$000)	Project & PWI No.	Stage	Milestones	Status
MO-09	125.3	Buck Run, MO PWI No. 096067	CONST	Closeout Complete 30 May 01	The Missouri DOC provided documentation of their in-kind contribution but not auditable receipts. They are in the process of providing this level of detail. PM-AR will complete the fiscal closeout documentation by the end of the month.
IL-17	334.0	Mill Creek/Milan Bottoms, IL, Stream Channel Restoration PWI No. 162936	PDA 99%	PDA Complete 30 Apr 01	PDA package was mailed to MVD on 23 Feb 01. We have requested a 30-day turnaround for review. MVD has indicated project will be approved. We are awaiting approval letter and construction funding. Construction window is 15 Sep - 30 Nov due to endangered species.
IL-17	226.0	Oquawka Refuge, IL Habitat Restoration Proj. PWI No. 096182	Combined PDA 99%	PDA Complete 30 Apr 01	The PDA package was submitted to MVD on 9 Apr 01. Pending approval, the schedule is to execute the PCA and issue a JOC work order with construction start by Jul 01.
IL-11	1,000.0	Ballard's Island, IL PWI No. TBD	PRP 50%		MVD has denied approval of the PRP. IL DNR completed 50% of the anticipated dredging before running out of funds. Cong. Weller has developed language for WRDA 2000 to grant the sponsor credit for dredging already performed by the IL DNR.

IA-03	TBD	Lock and Dam 18 Fish Passage Des Moines County, IA PWI No. TBD	PRP 0%	Complete PRP 30 Sep 01	Support has been received from Two Rivers Levee and Drainage District. Funding to initiate the PRP has been received from MVD.
IL-17	2,100.0	Rock Island Gardens, IL PWI No. TBD	PRP 95%		
IA-01	TBD	Nahant Marsh, IA Wetland Restoration PWI No. 167510	PRP 1%	Complete PRP 30 Sep 01	Funding has been received. Initiation of the PRP has begun.

Note: The District now has two completed Section 1135 projects—Green Island, Iowa and Mississippi River Mast Tree.

POTENTIAL PROJECTS FOR SECTION 1135 PRP DEVELOPMENT:

- **Thompson Levee and Drainage District, Fulton County, IL (Cong. Dist. IL-17).** Site visit took place 7 Jun 00. The Nature Conservancy is receiving considerable objection to their proposed restoration plan (i.e., reconnecting the site with the Illinois River). No letter of request to initiate a project under any environmental CAP authority has been received to date. However, the NC met with the DE on 6 Nov 00.
- **Hennepin Levee and Drainage District, Putnam County, IL (Cong. Dist. IL-18).** Wetlands Initiative, Inc., is continuing with their plans to buy out the 2,500-acre levee and district. No letter of request to initiate a PRP has been received to date.
- **Clinton, Iowa, Clinton County, IA (Cong. Dist. IA-01).** The City of Clinton is interested in increased flow, increased depth, and water quality improvement of Joyce Slough.

H. SECTION 206, Aquatic Ecosystem Restoration

Cong. District	Total Est. Implementation Costs (\$000)	Project & PWI No.	Stage	Milestones	Status
IA-03	7,600.0	Whitebreast Watershed Restoration Project, IA PWI No. 162937	ERR 85%	Complete draft ERR 30 Apr 01	The team has progressed as far as possible while waiting for the WES HEP report. The draft report has been received and the team will begin incorporating the recommended plan into the draft ERR.
WI-02	4,700.0	Token Creek Watershed Restoration, WI PWI No. 164249	ERR 60%	Complete draft ERR 30 Jul 01	The draft ERR was delayed due to delays in obtaining rights of entry and preliminary streams channel design. The team is making progress and draft ERR completion is anticipated in July.

WI-02	5,800.0	Lake Belle View, WI PWI No. 164774	ERR 75%	Complete draft ERR 30 Jul 01	WI DNR has raised issues with some of the alternatives the team is evaluating. An 8 Mar 01 meeting was conducted to discuss these issues with WI DNR. Meeting in mid-April will provide final resolution for issues.
WI-02	2,800.0	Koshkonong Creek, WI PWI No. 164649	ERR 35%	Complete draft ERR 30 Aug 01	The feasibility study is being accomplished through a contract. The team reviewed HTRW Phase I Report. Contractor is working to incorporate the comments. Apr 19 th meeting with the sponsor is scheduled.
IL-11	2,200.0	Kankakee River, IL PWI No. 164998	ERR 2%	Complete draft ERR 28 Feb 02	PMP and detailed feasibility schedule under development.
IA-01	5,600.0	Clear Creek/Iowa Rvr, IA PWI No. 164999	ERR 5%	Complete draft ERR 28 Feb 02	QCP was signed in late March. PMP is completed and will be routed for signature.
WI-09	800.0	Jefferson Fish Passage, WI PWI No. 167367	PDA 1%	Complete draft PDA 30 Apr 02	The entire PDA will be contracted. Jefferson and Brodhead will be contracted to the same contractor and the internal team will have the same members. This arrangement should create some synergy and efficiencies for these similar projects in the same geographic locale. However, City of Jefferson has indicated that they are proceeding with dam repairs due to changes in the permitting process. The team is working to obtain continued commitment from the city.
WI-09	600.0	Brodhead Fish Passage, WI PWI No. 167365	PDA 1%	Complete draft PDA 30 Apr 02	Kickoff meeting held on 13 Feb 01. The entire PDA will be contracted. Jefferson and Brodhead will be contracted to the same contractor and the internal team will have the same members. This arrangement should create some synergy and efficiencies for these similar projects in the same geographic locale.
WI-09	\$2,084.0	Lake Koshkonong, WI PWI No. 167368	ERR 0%	Complete draft ERR 30 May 02	PRP has been approved by MVD. The feasibility study will kick off in mid-April.

IA-01	\$846.0	Duck Creek/Fairmount Wetland Restoration, IA PWI No. 167364	PRP 98%	Complete PRP 30 Apr 01	PRP and ITR are complete. A letter of intent has been received from the City. However, the outbrief has been delayed due to significant cost changes. The sponsor wants to provide a new letter of intent.
IA-03 MO-09	TBD	Fox River, IA-MO PWI No. 167366	PRP 50%	Complete PRP 30 Aug 01	A headcut near the IA-MO border is threatening significant acres of wetland and riverine habitat as well as highway and other infrastructure. We have support from Van Buren County, IA. Clarke County, MO, has chosen not to participate in the project despite the headcut's current location within Missouri. Upon review, the District team will pursue a Section 14 project for the headcut which is threatening a county highway bridge and a Section 206 for wetland protection and enhancement up & downstream of the bridge.
IL-17	TBD	Honey Creek, IL PWI No. TBD	PRP 75%	Complete PRP 30 Jun 01	Zambrana (contractor) has been provided our ITR comments of their first draft. Second draft will be coordinated with the project sponsor for their concurrence and letter of intent.
IA-03	TBD	Yellow Springs, IA PWI No. TBD	PRP 50%	Complete PRP 15 Sep 01	The partners have executed a 28e agreement under Iowa Code to unite them for the purposes of working together and cost sharing on this kind of project. Target completion of the PRP is 15 Sep 01.
IL-11	TBD	Huse Lake, IL PWI No. TBD	PRP		The PRP formulation stage has been delayed due to the identification of contaminants around the project area. EPA has the lead on cleanup.

POTENTIAL PROJECTS FOR SECTION 206 PRP DEVELOPMENT:

- Fort Dodge, Webster County, IA (Cong. Dist. IA-05)
- Horicon Marsh, Dodge County, WI (Cong. Dist. WI-09)
- Maquoketa River Watershed, nine counties in northeastern Iowa (Cong. Dist. IA-02)
- Wapsipinicon River Watershed, Clinton, Scott, Cedar Counties, IA (Cong. Dist. IA-01)
- Boston Bay Island/Greater Eliza Creek, Mercer County, IL (Cong. Dist. IL-17)
- Albert Lea, Freeborn County, MN (Cong. Dist. MN-1)
- Shell Rock River Watershed, Freeborn County, MN (Cong. Dist. MN-1)

No letters of request to initiate the PRP phase have been received from any of the above communities.

I. SECTION 204 (Beneficial Use of Dredged Material)

Cong. District	Total Est. Implementation Costs (\$000)	Project & PWI No.	Stage	Milestones	Status
IA-03	TBD	Blackhawk Bottoms, Pool 19, IA PWI No. TBD	PRP 1%	Complete PRP 31 Aug 01	Project with IA DNR acting as cost-share sponsor. Coordination is underway along with the ongoing DMMP effort. A letter of request has been received from field personnel requesting initiation of a Section 204 PRP. Funding has been received. A PRP is being initiated.
IL-17	TBD	Henderson Levee and Drainage District #3 Pool 18, IL PWI No. TBD	PRP 0%	Complete PRP 30 Sep 01	IL DNR supports the complete buyout of the entire L&DD. The agricultural land will be reconnected to the Mississippi River. Using dredged material, low berms will be established to create 4 habitat types: open water, hemi-marsh, wet prairie, and upland prairie. Funding has been received. A PRP is being initiated.

J. Upper Mississippi River - Illinois Waterway System Navigation Study

The Corps of Engineers is reviewing the National Research Council's (NRC) March 2001 report on the subject study. The Corps of Engineers and the newly established National Federal Principals Task Force will consider the NRC report in revising the Project Study Plan (PSP) that will set the course to complete this complex System Feasibility Study. This revised PSP is scheduled for Corps of Engineers approval in June 2001. The PSP will establish a revised study schedule and cost estimate, which are not available at this time.

The Corps of Engineers with the purpose of providing national-level balance and guidance on important economic and environmental issues to assist in bringing this study to completion established the National Federal Senior Principals Task Force. Membership includes: USDA (Transportation and Marketing Programs); DOI (USFWS); USEPA (Office of Wetlands, Oceans and Watersheds); USDOT (Maritime Administration); and Corps of Engineers (Planning and Policy Division). This group has met three times, 14 & 30 March and 20 April 2001, and will continue to be engaged throughout the study process. A regional group has also been convened from staff of these agencies to provide multi-agency oversight and guidance to the study, and provide input to the Principals Task Force process. The Mississippi Valley Division Commander, BG Edwin Arnold, will chair this Regional Interagency Work Group. The first meeting of the regional group was held 12 April 2001.

POC's: Denny Lundberg, Regional Project Manager, at 309/794-5632, or Dave Tipple, Project Manager, at 309/794-5399.

K. Illinois River Ecosystem Restoration: In October 2000, the State of Illinois and the Corps of Engineers entered into a Cost-Sharing Agreement to conduct a 3 1/2 year Feasibility Study evaluating restoration opportunities in the entire Illinois River basin, including the tributaries. Emphasis will be placed on identifying and evaluating restoration activities related to the State of Illinois' Integrated Management Plan for the Illinois River Watershed and Illinois Rivers 2020 Initiative. The principal problems impeding the restoration of habitat in the Illinois River Basin are sedimentation of backwaters and side channels, degradation of tributary streams, fluctuations in hydrologic regimes and water levels, and other adverse impacts caused by human activity. Current efforts are focused on initiating feasibility study tasks evaluating system restoration needs, water level management, and site-specific projects.

L. Peoria Riverfront Development: This is a cost shared Feasibility Study with the State of Illinois Department of Natural Resources. The principal goal is to enhance aquatic habitat and reduce sediment delivery/deposition with ancillary benefits to recreational boating and fishing in Lake Peoria. In addition, degraded tributary streams that are contributing to the high levels of sediment in Peoria Lake, will be addressed. Opportunities will be explored to address these conditions as they relate to the Peoria Riverfront Development Project, a public and private effort to revitalize downtown. Alternative plans developed to date include dredging within Lower Peoria Lake to create deep water habitats and restoration along Farm Creek to provide habitat and reduce sediment delivery. Ongoing activities include completing the formulation of alternatives, identifying the tentatively selected plan, and drafting the feasibility report. The study is scheduled for completion this fall.

M. Rock River Ecosystem Restoration Study: The Rock Island District has worked with the Illinois Department of Natural Resources and Wisconsin Department Natural Resources, the potential non-federal cost share sponsors to conduct a reconnaissance study and negotiate a Project Management Plan (scope for the Feasibility Phase). In March 2001, the Wisconsin DNR indicated that they did not anticipate being able to participate in the feasibility study as a cost share sponsor as funding for the study was not included in the Governor of Wisconsin's biennial budget. The study plan has been revised to focus on restoration opportunities in the Illinois portion of the basin. The Corps will continue to evaluate opportunities to allow the State of Wisconsin to join the feasibility study or implementation phases of ecosystem restoration project if state funds become available. Activities ongoing that must be completed prior to initiating the feasibility study include review of the revised Project Management Plan by the ILDNR, signing of the Feasibility Cost Sharing Agreement, and transmittal of cost share funds.

III. ST. PAUL DISTRICT (MVP)

A. Navigation

1. Channel Maintenance – Due to the Flood of 2001 (second highest on record) and based on impacts of the 1965 flood, significant dredging is expected in some areas of the District. Channel condition surveys will resume as soon as the river flows and elevations recede. The 2001 dredging schedule will be available on the District's Internet home page accordingly. An update to the District's Channel Maintenance Management Plan will be released in May. Work continues on the Dredged Material Management Plan for lower pool 4 with public meetings scheduled for June. Advertisement of the McMillan Island Excavation Project contract is scheduled for August. Additional channel management and placement site work scheduled for completion or initiation in 2001 by Government hired labor or contract can be found on the District's Internet home page.

2. Channel Management Studies –

a. Lower Pool 8 - Shoreline stabilization and wing dam work is planned following the pilot drawdown of pool 8. Anticipated benefits include reduced channel maintenance costs, fishery benefits and improved recreation opportunities. The drawdown is scheduled for 2001.

b. Pool 5 – The stabilization work on the entrance to Probst Lake was completed by Government hired labor in August 2000. The remaining 20% of channel modification work in pool 5 is scheduled for completion in 2001. The work includes notching three wing dams in the upper part of the pool and constructing a backwater habitat island using channel maintenance material in the lower part of the pool. Additional modification work is also being considered on the habitat islands in Weaver Bottoms. The interagency task force for the Weaver Bottoms project is evaluating these modifications.

c. Pool 3 and Upper Pool 4 – A draft report for this study was distributed for public review in March 2001. The final report will be completed in May 2001.

d. Lower Pool 2 – This study began in February 2000. The final Problem Appraisal Report was completed in April 2001. The bulk of the study is scheduled to be completed in FY 2001.

e. Lower Pool 4 – The study was initiated in 2000 and is in the early scoping phase.

3. Lock and Dam Rehabilitation – Fiscal year 2001 construction activities will include continuation of the following activities: new control building and electrical controls (Stage 2) at Lock & Dam 7; sandblasting and painting the service bridges at Lock & Dam 7; crane rail metalizing at Lock & Dam's 3, 5A & 6; crane carrier installation at Lock & Dam's 3, 4, 8 & 9; and Stage 2 of the cribwall rehabilitation at Lock & Dam 1. Pending construction starts for fiscal year 2001 include new control buildings and electrical controls (Stage 2) at Lock & Dam 8; dam service bridge painting at Lock & Dam 9; and crane carrier installation at Lock & Dam's 5, 5A, 6, 7 & 10.

4. Water Level Management - The final implementation report for a pilot pool drawdown in pool 8 was approved by the Mississippi Valley Division in September 1999. The recommendation is to implement a 1½-foot drawdown at Lock & Dam 8, with a maximum water level reduction of ½-foot at the La Crosse gage. Postponed in 2000 because of low river discharges and forecasts for a dry summer, a pilot pool drawdown is planned for the summer of 2001.

5. Lock and Dam 3 Navigation Safety and Embankments – A notice of intent to prepare a Draft Environmental Impact Statement (EIS) was published 31 August 2000. An interagency planning team has met several times, most recently on 16 April 2001. A long list of alternatives to address the navigation and embankments problems has been reduced to a smaller set of alternative plans. A risk assessment process will be used to evaluate and compare the alternative plans. District, MDNR, WDNR, and USFWS representatives met on 5 February with the towing industry to discuss continued use of an assist boat at Lock and Dam 3 as an interim measure. A public meeting about the study was held on 6 February in Red Wing. The draft re-evaluation report and EIS are scheduled to be completed in the fall of 2001.

B. Upper Mississippi River System Environmental Management Program

1. Polander Lake, MN – The contractor for the second stage of the project began island construction in June and was substantially completed in November 2000. The island construction was accomplished jointly with the unloading of the Wilds Bend placement site. The islands will be seeded in the spring, pending evaluation of 2001 flood impacts. The EMP funded portion of the contract was about \$1.4 million.
2. Trempealeau NWR, WI – Repair of ice damage to dike A and other minor work is scheduled to begin in May or June, pending evaluation of 2001 flood impacts. Pool A was drawn down about 2½ feet during the summer of 2000 and allowed to gradually refill over the winter. Prior to the flood crest this year, water was released into the Refuge in order to minimize water level differentials and minimize damage. The pool is scheduled to be drawn down again in the summer of 2001. A project dedication will be planned after all of the repair work is completed.
3. Mississippi River Bank Stabilization – Construction at all sites recommended for stabilization in pools 6, 9 and 10 has been completed. An O&M manual will be prepared this year and the project turned over to the U.S. Fish and Wildlife Service (USFWS).
4. Spring Lake Islands, WI – Project alternatives are being formulated. An interagency meeting to discuss initial designs was held on 5 March. A preliminary draft Definite Project Report supplement will be prepared this year with construction scheduled to begin in 2002.
5. Pool Slough, IA/MN – A major change in course of Winnebago Creek required additional evaluation of the USFWS portion of the project. In light of these changes, the USFWS has decided to defer their portion of the project. The Iowa DNR still strongly supports construction of the moist soil unit on their portion of the project, where changes in the creek do not affect the moist soil unit. The final Definite Project Report is being prepared to reflect all comments received and to accommodate the design and site changes. Water quality certification from the State of Iowa was received on 12 April 2001.
6. Ambrough Slough, WI – The final Definite Project Report was submitted to MVD for approval on 4 January 2001. Construction of the project will be divided into three stages. Stage 1 will be constructed using District hired labor forces in 2001. Stages 2 and 3 will be constructed by contracts scheduled for award in August 2001. A meeting with landowners of possible additional disposal sites was held on 12 April.
7. Harpers Slough, IA/WI – Layout and quantity estimates for the alternatives have been completed. Habitat and incremental analyses are underway. A preliminary draft Definite Project Report will be prepared this year with construction scheduled to begin in 2002.
8. Capoli Slough, WI – An interagency meeting to discuss project alternatives was held on 3 April. The final Problem Appraisal Report will be completed in April 2001.
9. Long Meadow Lake, MN – Project objectives are being formulated that will focus on Lower Long Meadow Lake only. A draft hydraulics appendix has been completed. A preliminary draft Definite Project Report is scheduled for completion in 2001.
10. Pool 8 Islands Phase III, WI/MN – An interagency meeting to discuss project alternatives was held in March, resulting in a proposed plan. A preliminary draft Definite Project Report is scheduled for July 2001.
11. Conway Lake, IA – Initial planning efforts began with an interagency meeting on 3 April 2001 to discuss project objectives and alternatives.
12. Lake Winneshiek, WI – General design is scheduled to begin this fiscal year.
13. Habitat Needs Assessment (Public Involvement Team) – A public involvement report was distributed with the other HNA products. The report is also available on-line through the HNA Internet site:
http://www.umesc.usgs.gov/habitat_needs_assessment/emp_hna.html.

14. Habitat Needs Assessment - The final HNA Summary Report and the much larger HNA Technical Report were distributed in February. A CD with the GIS-based HNA Query Tool to display and report on the spatial occurrence of habitats and species was distributed with the Technical Report.

15. Monitoring of Habitat Projects - Monitoring of 13 projects was conducted last year with the assistance of the States, USFWS, and UMESC. Completion reports for six projects were initiated last year and are nearing completion. A series of public and agency meetings were held to gain information about project performance. Completion reports for another seven projects are planned to be started this year. The District prepared a list of fiscal year 2001 monitoring tasks and has coordinated the list with the partner agencies. Monitoring will be conducted at 16 projects this year.

16. Biological Response Monitoring of Habitat Projects - A final synthesis report of the study results for Finger Lakes was completed and published by the UMESC. Four publications about the Finger Lakes study have been published in professional journals, and additional manuscripts are being prepared. The Effects of Islands Biological Response Study will be completed this year. Additional studies to quantitatively determine the ecological response to EMP habitat projects are being considered.

17. Pool Plans – Pool Plans or visions have been developed by the Fish and Wildlife Work Group (FWWG) of the River Resources Forum for agency review. These initial pool plans will be used to involve the public in the planning process and are a step toward a more scientifically based method of selecting and sequencing EMP habitat projects. Additional discussion will take place at the FWWG meeting scheduled for 4 June 2001.

C. Natural Resource Management Activities

1. Recreation Management - The River Resource Forum's Recreation Work Group has completed a comprehensive access inventory and, with the assistance of the UMESC, has produced GIS-based inventory maps of the navigation pools in the St. Paul District. Recreational boating data has been collected for six seasons (89, 91, 93, 95, 97, & 99), and plans are underway for a 2001 study. St. Mary's University (SMU) has put the boating study data into ArcView 3.1 and has completed a trends analysis of the boating study data for pools 7 and 8. Recreational Beach Management Plans have recently been completed for pools 3 and upper 4. A draft beach management plan is being worked on for pool 2, and preliminary work is underway to update the plans for pools 7 and 8.

2. Forest Management – Corps forestry staff are currently participating in an interagency effort to develop a report on the status of floodplain forest resources along the Upper Mississippi and Illinois Rivers, along with recommendations for management. The Wildlife Technical Section of the Upper Mississippi River Conservation Committee is sponsoring this work. Twenty acres of post-harvest area in pool 8 was treated with herbicide in 2000 to control herbaceous vegetation and promote natural revegetation of bottomland hardwoods. Additional vegetation control work is scheduled for the 2001 growing season. Reforestation work is being planned for areas within pools 6, 7, and 8 in 2001. Monitoring for the Gypsy moth continues. Forest inventory data from the initial field survey is now over ten years old. Efforts are underway to begin a new forest inventory process on a ten-year cycle. One-tenth of the Corps land area will be inventoried each year to ensure adequate baseline information for making forest management decisions.

3. O&M Program Habitat Projects – Construction plans are currently being developed to stabilize eroding shorelines and reduce backwater sedimentation at Hummingbird Slough in pool 9. Construction is scheduled for FY02.

**Environmental Management Program Coordinating Committee
Official Agency Representatives**

Corps of Engineers (Co-Chair)

Stephen Cobb
U.S. Army Corps of Engineers
Mississippi Valley Division
Box 80 ATTN: CEMVD-PM-R
Vicksburg, Mississippi 39181-0080
Phone: (601) 634-5854
Fax: (601) 634-5849
<stephen.cobb@mvd02.usace.army.mil>

Fish and Wildlife Service (Co-Chair)

Charles Wooley
Assistant Regional Director for Ecological Services
U.S. Fish and Wildlife Service
Bishop Henry Whipple Federal Building
1 Federal Drive
Fort Snelling, Minnesota 55111-4056
Phone: (612) 713-5178
Fax: (612) 713-5292
<charles_wooley@fws.gov>

Illinois

Scott Stuewe
Office of Resource Conservation
Illinois Department of Natural Resources
524 South Second Street
Springfield, Illinois 62701-1787
Phone: (217) 785-8263
Fax: (217) 785-8262
<sstuewe@dnrmail.state.il.us>

Iowa

Kevin Szciodronski
Iowa Department of Natural Resources
Wallace State Office Building
Des Moines, Iowa 50319
Phone: (515) 281-8674
Fax: (515) 281-6794
<kevin.szciodronski@dnr.state.ia.us>

Minnesota

Steve Johnson
Minnesota Dept. of Natural Resources
500 Lafayette Road, Box 32
St. Paul, Minnesota 55155-4032
Phone: (651) 296-4802
Fax: (651) 296-0445
<steve.johnson@dnr.state.mn.us>

Missouri

Gary Christoff
Environmental Policy Coordinator
Missouri Department of Conservation
P. O. Box 180
Jefferson City, Missouri 65102
Phone: (573) 751-4115, ext. 3357
Fax: (573) 526-4495
<chrisg@mail.conservations.state.mo.us>

Wisconsin

Terry Moe
Mississippi-Lower St. Croix Team Leader
Wisconsin Department of Natural Resources
3550 Mormon Coulee Road
La Crosse, Wisconsin 54601
Phone: (608) 785-9004
Fax: (608) 785-9990
<moet@dnr.state.wi.us>

U.S. Geological Survey (BRD)

Leslie Holland-Bartels
Center Director
U.S. Geological Survey
Upper Midwest Environmental Sciences Center
2630 Fanta Reed Road
La Crosse, WI 54603
Phone: (608) 781-6221
Fax: (608) 783-6066
<leslie_holland-bartels@usgs.gov>

U.S. Dept. of Agriculture

U.S. EPA

Al Fenedick
U.S. Environmental Protection Agency
Environmental Analysis Section, ME-19J
77 West Jackson Blvd.
Chicago, Illinois 60604
Phone: (312) 886-6872
Fax: (312) 353-5374
<fenedick.al@epa.gov>

U.S. Geological Survey (WRD)

George Garklavs
District Chief
U.S. Geological Survey
Water Resources Division
2280 Wooddale Drive
Mounds View, Minnesota 55112
Phone: (612) 783-3100
Fax: (612) 783-3103
<garklavs@usgs.gov>

U.S. Dept. of Transportation

Al Ames
Great Lakes Region Director
U.S. Department of Transportation
Maritime Administration
2860 South River Road, Suite 185
Des Plaines, Illinois 60018-2413
Phone: (847) 298-4535
Fax: (847) 298-4537
<maradgl@aol.com>

Staff Services Provided by: Upper Mississippi River Basin Association

Holly Stoerker, Executive Director
415 Hamm Building, 408 St. Peter Street
St. Paul, Minnesota 55102
Phone: (651) 224-2880
Fax: (651) 223-5815
<hstoerker@umrba.org>